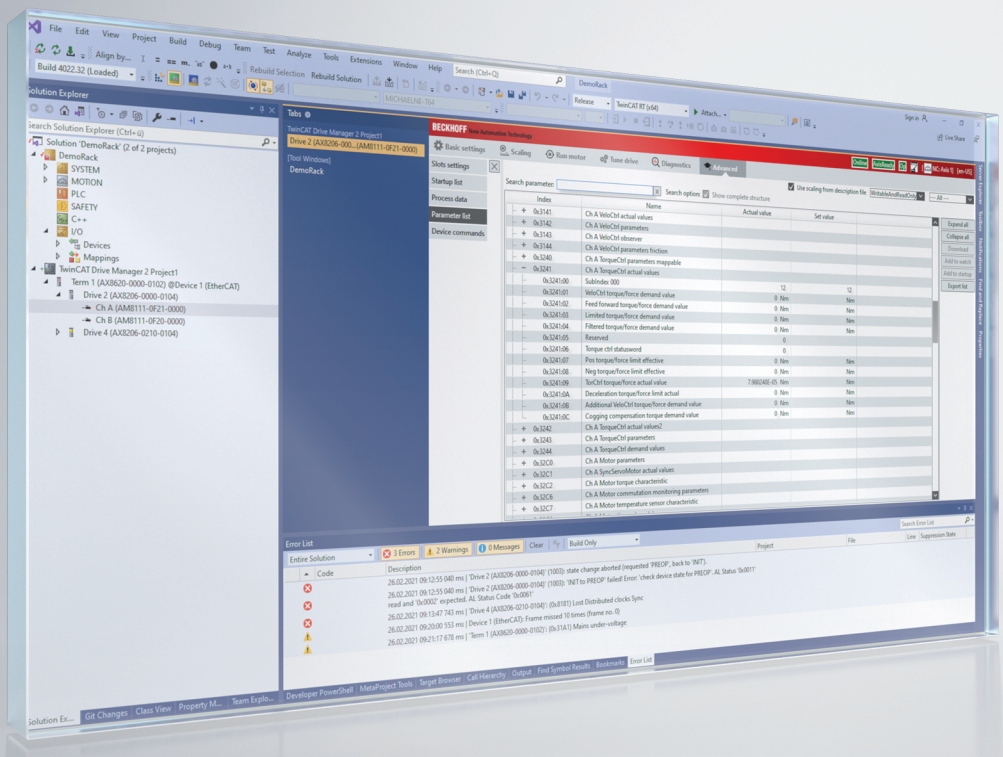
BECKHOFF New Automation Technology

Object Dictionary | EN

AX8xxx

Axis module



2025-04-09 | Version 1.7.0

Table of contents

1 Standard-Objects 306
1.1 1000 Device type 306
1.2 1001 Error register 307
1.3 1008 Device name 308
1.4 1009 Hardware version 309
1.5 100A Software version 310
1.6 100B Bootloader version 311
1.7 1018:x Identity 312
1.7.1 1018:01 Vendor ID 312
1.7.2 1018:02 Product code 312
1.7.3 1018:03 Revision 312
1.7.4 1018:04 Serial number 313
1.8 10E2:x Manufacturer-specific Identification Code 314
1.8.1 10E2:01 SubIndex 001 314
1.8.2 10E2:02 SubIndex 002 314
1.9 10F3:x Diagnosis History 315
1.9.1 10F3:01 Maximum Messages 315
1.9.2 10F3:02 Newest Message 315
1.9.3 10F3:03 Newest Acknowledged Message 315
1.9.4 10F3:04 New Messages Available 316
1.9.5 10F3:05 Flags 316
1.9.6 10F3:06 Diagnosis Message 001 316
1.9.7 10F3:07 Diagnosis Message 002 317
1.9.8 10F3:08 Diagnosis Message 003 317
1.9.9 10F3:09 Diagnosis Message 004 317
1.9.10 10F3:0A Diagnosis Message 005 318
1.9.11 10F3:0B Diagnosis Message 006 318
1.9.12 10F3:0C Diagnosis Message 007 318
1.9.13 10F3:0D Diagnosis Message 008 319
1.9.14 10F3:0E Diagnosis Message 009 319
1.9.15 10F3:0F Diagnosis Message 010 319
1.9.16 10F3:10 Diagnosis Message 011 319
1.9.17 10F3:11 Diagnosis Message 012 320
1.9.18 10F3:12 Diagnosis Message 013 320
1.9.19 10F3:13 Diagnosis Message 014 320
1.9.20 10F3:14 Diagnosis Message 015 321
1.9.21 10F3:15 Diagnosis Message 016 321
1.9.22 10F3:16 Diagnosis Message 017 321
1.9.23 10F3:17 Diagnosis Message 018 322
1.9.24 10F3:18 Diagnosis Message 019 322
1.9.25 10F3:19 Diagnosis Message 020 322
1.9.26 10F3:1A Diagnosis Message 021 323
1.9.27 10F3:1B Diagnosis Message 022 323
1.9.28 10F3:1C Diagnosis Message 023 323

1.9.29 10F3:1D Diagnosis Message 024 323
1.9.30 10F3:1E Diagnosis Message 025 324
1.9.31 10F3:1F Diagnosis Message 026 324
1.9.32 10F3:20 Diagnosis Message 027 324
1.9.33 10F3:21 Diagnosis Message 028 325
1.9.34 10F3:22 Diagnosis Message 029 325
1.9.35 10F3:23 Diagnosis Message 030 325
1.9.36 10F3:24 Diagnosis Message 031 326
1.9.37 10F3:25 Diagnosis Message 032 326
1.9.38 10F3:26 Diagnosis Message 033 326
1.9.39 10F3:27 Diagnosis Message 034 327
1.9.40 10F3:28 Diagnosis Message 035 327
1.9.41 10F3:29 Diagnosis Message 036 327
1.9.42 10F3:2A Diagnosis Message 037 327
1.9.43 10F3:2B Diagnosis Message 038 328
1.9.44 10F3:2C Diagnosis Message 039 328
1.9.45 10F3:2D Diagnosis Message 040 328
1.9.46 10F3:2E Diagnosis Message 041 329
1.9.47 10F3:2F Diagnosis Message 042 329
1.9.48 10F3:30 Diagnosis Message 043 329
1.9.49 10F3:31 Diagnosis Message 044 330
1.9.50 10F3:32 Diagnosis Message 045 330
1.9.51 10F3:33 Diagnosis Message 046 330
1.9.52 10F3:34 Diagnosis Message 047 331
1.9.53 10F3:35 Diagnosis Message 048 331
1.9.54 10F3:36 Diagnosis Message 049 331
1.9.55 10F3:37 Diagnosis Message 050 331
1.9.56 10F3:38 Diagnosis Message 051 332
1.9.57 10F3:39 Diagnosis Message 052 332
1.9.58 10F3:3A Diagnosis Message 053 332
1.9.59 10F3:3B Diagnosis Message 054 333
1.9.60 10F3:3C Diagnosis Message 055 333
1.9.61 10F3:3D Diagnosis Message 056 333
1.9.62 10F3:3E Diagnosis Message 057 334
1.9.63 10F3:3F Diagnosis Message 058 334
1.9.64 10F3:40 Diagnosis Message 059 334
1.9.65 10F3:41 Diagnosis Message 060 335
1.9.66 10F3:42 Diagnosis Message 061 335
1.9.67 10F3:43 Diagnosis Message 062 335
1.9.68 10F3:44 Diagnosis Message 063 335
1.9.69 10F3:45 Diagnosis Message 064 336
1.9.70 10F3:46 Diagnosis Message 065 336
1.9.71 10F3:47 Diagnosis Message 066 336
1.9.72 10F3:48 Diagnosis Message 067 337
1.9.73 10F3:49 Diagnosis Message 068 337
1.9.74 10F3:4A Diagnosis Message 069 337

1.9.75 10F3:4B Diagnosis Message 070 338
1.9.76 10F3:4C Diagnosis Message 071 338
1.9.77 10F3:4D Diagnosis Message 072 338
1.9.78 10F3:4E Diagnosis Message 073 339
1.9.79 10F3:4F Diagnosis Message 074 339
1.9.80 10F3:50 Diagnosis Message 075 339
1.9.81 10F3:51 Diagnosis Message 076 339
1.9.82 10F3:52 Diagnosis Message 077 340
1.9.83 10F3:53 Diagnosis Message 078 340
1.9.84 10F3:54 Diagnosis Message 079 340
1.9.85 10F3:55 Diagnosis Message 080 341
1.9.86 10F3:56 Diagnosis Message 081 341
1.9.87 10F3:57 Diagnosis Message 082 341
1.9.88 10F3:58 Diagnosis Message 083 342
1.9.89 10F3:59 Diagnosis Message 084 342
1.9.90 10F3:5A Diagnosis Message 085 342
1.9.91 10F3:5B Diagnosis Message 086 343
1.9.92 10F3:5C Diagnosis Message 087 343
1.9.93 10F3:5D Diagnosis Message 088 343
1.9.94 10F3:5E Diagnosis Message 089 343
1.9.95 10F3:5F Diagnosis Message 090 344
1.9.96 10F3:60 Diagnosis Message 091 344
1.9.97 10F3:61 Diagnosis Message 092 344
1.9.98 10F3:62 Diagnosis Message 093 345
1.9.99 10F3:63 Diagnosis Message 094 345
1.9.100 10F3:64 Diagnosis Message 095 345
1.9.101 10F3:65 Diagnosis Message 096 346
1.9.102 10F3:66 Diagnosis Message 097 346
1.9.103 10F3:67 Diagnosis Message 098 346
1.9.104 10F3:68 Diagnosis Message 099 347
1.9.105 10F3:69 Diagnosis Message 100 347
1.10 10F8 Timestamp Object 348
1.11 1C00:x Sync manager type 349
1.11.1 1C00:01 SubIndex 001 349
1.11.2 1C00:02 SubIndex 002 349
1.11.3 1C00:03 SubIndex 003 349
1.11.4 1C00:04 SubIndex 004 350
1.11.5 1C00:05 SubIndex 005 350
1.11.6 1C00:06 SubIndex 006 350
1.12 1C12:x RxPDO assign 352
1.12.1 1C12:01 Subindex 001 352
1.12.2 1C12:02 Subindex 002 352
1.12.3 1C12:03 Subindex 003 352
1.12.4 1C12:04 Subindex 004 353
1.12.5 1C12:05 Subindex 005 353
1.12.6 1C12:06 Subindex 006 353
1.12.7 1C12:07 Subindex 007 354

1.12.8 1C12:08 Subindex 008 354
1.12.9 1C12:09 Subindex 009 354
1.12.10 1C12:0A Subindex 010 355
1.12.11 1C12:0B Subindex 011 355
1.12.12 1C12:0C Subindex 012 355
1.12.13 1C12:0D Subindex 013 356
1.12.14 1C12:0E Subindex 014 356
1.13 1C13:x TxPDO assign 357
1.13.1 1C13:01 Subindex 001 357
1.13.2 1C13:02 Subindex 002 357
1.13.3 1C13:03 Subindex 003 357
1.13.4 1C13:04 Subindex 004 358
1.13.5 1C13:05 Subindex 005 358
1.13.6 1C13:06 Subindex 006 358
1.13.7 1C13:07 Subindex 007 359
1.13.8 1C13:08 Subindex 008 359
1.13.9 1C13:09 Subindex 009 359
1.13.10 1C13:0A Subindex 010 360
1.13.11 1C13:0B Subindex 011 360
1.13.12 1C13:0C Subindex 012 360
1.13.13 1C13:0D Subindex 013 361
1.13.14 1C13:0E Subindex 014 361
1.13.15 1C13:0F Subindex 015 361
1.13.16 1C13:10 Subindex 016 361
1.13.17 1C13:11 Subindex 017 362
1.13.18 1C13:12 Subindex 018 362
1.13.19 1C13:13 Subindex 019 362
1.13.20 1C13:14 Subindex 020 363
1.13.21 1C13:15 Subindex 021 363
1.13.22 1C13:16 Subindex 022 363
1.13.23 1C13:17 Subindex 023 364
1.13.24 1C13:18 Subindex 024 364
1.13.25 1C13:19 Subindex 025 364
1.13.26 1C13:1A Subindex 026 365
1.13.27 1C13:1B Subindex 027 365
1.13.28 1C13:1C Subindex 028 365
1.13.29 1C13:1D Subindex 029 365
1.13.30 1C13:1E Subindex 030 366
1.13.31 1C13:1F Subindex 031 366
1.13.32 1C13:20 Subindex 032 366
1.14 1C14:x Dynamic RxPDO assign 368
1.14.1 1C14:01 Subindex 001 368
1.14.2 1C14:02 Subindex 002 368
1.14.3 1C14:03 Subindex 003 368
1.14.4 1C14:04 Subindex 004 369
1.14.5 1C14:05 Subindex 005 369

1.14.6 1C14:06 Subindex 006 369
1.14.7 1C14:07 Subindex 007 370
1.14.8 1C14:08 Subindex 008 370
1.14.9 1C14:09 Subindex 009 370
1.14.10 1C14:0A Subindex 010 371
1.14.11 1C14:0B Subindex 011 371
1.14.12 1C14:0C Subindex 012 371
1.14.13 1C14:0D Subindex 013 372
1.14.14 1C14:0E Subindex 014 372
1.15 1C15:x Dynamic TxPDO assign 373
1.15.1 1C15:01 Subindex 001 373
1.15.2 1C15:02 Subindex 002 373
1.15.3 1C15:03 Subindex 003 373
1.15.4 1C15:04 Subindex 004 374
1.15.5 1C15:05 Subindex 005 374
1.15.6 1C15:06 Subindex 006 374
1.15.7 1C15:07 Subindex 007 375
1.15.8 1C15:08 Subindex 008 375
1.15.9 1C15:09 Subindex 009 375
1.15.10 1C15:0A Subindex 010 376
1.15.11 1C15:0B Subindex 011 376
1.15.12 1C15:0C Subindex 012 376
1.15.13 1C15:0D Subindex 013 377
1.15.14 1C15:0E Subindex 014 377
1.15.15 1C15:0F Subindex 015 377
1.15.16 1C15:10 Subindex 016 377
1.15.17 1C15:11 Subindex 017 378
1.15.18 1C15:12 Subindex 018 378
1.15.19 1C15:13 Subindex 019 378
1.15.20 1C15:14 Subindex 020 379
1.15.21 1C15:15 Subindex 021 379
1.15.22 1C15:16 Subindex 022 379
1.15.23 1C15:17 Subindex 023 380
1.15.24 1C15:18 Subindex 024 380
1.15.25 1C15:19 Subindex 025 380
1.15.26 1C15:1A Subindex 026 381
1.15.27 1C15:1B Subindex 027 381
1.15.28 1C15:1C Subindex 028 381
1.15.29 1C15:1D Subindex 029 381
1.15.30 1C15:1E Subindex 030 382
1.15.31 1C15:1F Subindex 031 382
1.15.32 1C15:20 Subindex 032 382
1.16 1C32:x SM output parameter 384
1.16.1 1C32:01 Sync mode 384
1.16.2 1C32:02 Cycle time 384
1.16.3 1C32:03 Shift time 384
1.16.4 1C32:04 Sync modes supported 385

1.16.5 1C32:05 Minimum cycle time ... 385
1.16.6 1C32:06 Calc and copy time ... 385
1.16.7 1C32:07 Minimum delay time ... 386
1.16.8 1C32:08 Command ... 386
1.16.9 1C32:09 Maximum delay time ... 386
1.16.10 1C32:0B SM event missed counter ... 387
1.16.11 1C32:0C Cycle exceeded counter ... 387
1.16.12 1C32:0D Shift too short counter ... 387
1.16.13 1C32:20 Sync error ... 388
1.17 1C33:x SM input parameter ... 389
1.17.1 1C33:01 Sync mode ... 389
1.17.2 1C33:02 Cycle time ... 389
1.17.3 1C33:03 Shift time ... 389
1.17.4 1C33:04 Sync modes supported ... 390
1.17.5 1C33:05 Minimum cycle time ... 390
1.17.6 1C33:06 Calc and copy time ... 390
1.17.7 1C33:07 Minimum delay time ... 391
1.17.8 1C33:08 Command ... 391
1.17.9 1C33:09 Maximum delay time ... 391
1.17.10 1C33:0B SM event missed counter ... 392
1.17.11 1C33:0C Cycle exceeded counter ... 392
1.17.12 1C33:0D Shift too short counter ... 392
1.17.13 1C33:20 Sync error ... 393
1.18 F008 Code word ... 394
1.19 F009 Password protection ... 395
1.20 F030:x Configured modules ... 396
1.20.1 F030:01 SubIndex 001 ... 396
1.20.2 F030:02 SubIndex 002 ... 396
1.20.3 F030:03 SubIndex 003 ... 396
1.20.4 F030:04 SubIndex 004 ... 397
1.20.5 F030:05 SubIndex 005 ... 397
1.20.6 F030:06 SubIndex 006 ... 397
1.20.7 F030:07 SubIndex 007 ... 398
1.20.8 F030:08 SubIndex 008 ... 398
1.20.9 F030:09 SubIndex 009 ... 398
1.20.10 F030:0A SubIndex 010 ... 399
1.20.11 F030:0B SubIndex 011 ... 399
1.20.12 F030:0C SubIndex 012 ... 399
1.20.13 F030:0D SubIndex 013 ... 400
1.20.14 F030:0E SubIndex 014 ... 400
1.20.15 F030:0F SubIndex 015 ... 400
1.20.16 F030:10 SubIndex 016 ... 400
1.20.17 F030:11 SubIndex 017 ... 401
1.20.18 F030:12 SubIndex 018 ... 401
1.20.19 F030:13 SubIndex 019 ... 401
1.20.20 F030:14 SubIndex 020 ... 402

1.20.21 F030:15 SubIndex 021 402
1.20.22 F030:16 SubIndex 022 402
1.20.23 F030:17 SubIndex 023 403
1.20.24 F030:18 SubIndex 024 403
1.20.25 F030:19 SubIndex 025 403
1.20.26 F030:1A SubIndex 026 404
1.20.27 F030:1B SubIndex 027 404
1.20.28 F030:1C SubIndex 028 404
1.20.29 F030:1D SubIndex 029 404
1.20.30 F030:1E SubIndex 030 405
1.20.31 F030:1F SubIndex 031 405
1.20.32 F030:20 SubIndex 032 405
1.20.33 F030:21 SubIndex 033 406
1.20.34 F030:22 SubIndex 034 406
1.20.35 F030:23 SubIndex 035 406
1.20.36 F030:24 SubIndex 036 407
1.20.37 F030:25 SubIndex 037 407
1.20.38 F030:26 SubIndex 038 407
1.20.39 F030:27 SubIndex 039 408
1.20.40 F030:28 SubIndex 040 408
1.20.41 F030:29 SubIndex 041 408
1.20.42 F030:2A SubIndex 042 408
1.20.43 F030:2B SubIndex 043 409
1.20.44 F030:2C SubIndex 044 409
1.20.45 F030:2D SubIndex 045 409
1.20.46 F030:2E SubIndex 046 410
1.20.47 F030:2F SubIndex 047 410
1.20.48 F030:30 SubIndex 048 410
1.20.49 F030:31 SubIndex 049 411
1.20.50 F030:32 SubIndex 050 411
1.20.51 F030:33 SubIndex 051 411
1.20.52 F030:34 SubIndex 052 412
1.20.53 F030:35 SubIndex 053 412
1.20.54 F030:36 SubIndex 054 412
1.20.55 F030:37 SubIndex 055 412
1.20.56 F030:38 SubIndex 056 413
1.20.57 F030:39 SubIndex 057 413
1.20.58 F030:3A SubIndex 058 413
1.20.59 F030:3B SubIndex 059 414
1.20.60 F030:3C SubIndex 060 414
1.20.61 F030:3D SubIndex 061 414
1.20.62 F030:3E SubIndex 062 415
1.20.63 F030:3F SubIndex 063 415
1.20.64 F030:40 SubIndex 064 415
1.21 F050:x Detected modules 416
1.21.1 F050:01 SubIndex 001 416
1.21.2 F050:02 SubIndex 002 416

1.21.3 F050:03 SubIndex 003 416
1.21.4 F050:04 SubIndex 004 417
1.21.5 F050:05 SubIndex 005 417
1.21.6 F050:06 SubIndex 006 417
1.21.7 F050:07 SubIndex 007 418
1.21.8 F050:08 SubIndex 008 418
1.21.9 F050:09 SubIndex 009 418
1.21.10 F050:0A SubIndex 010 419
1.21.11 F050:0B SubIndex 011 419
1.21.12 F050:0C SubIndex 012 419
1.21.13 F050:0D SubIndex 013 420
1.21.14 F050:0E SubIndex 014 420
1.21.15 F050:0F SubIndex 015 420
1.21.16 F050:10 SubIndex 016 420
1.21.17 F050:11 SubIndex 017 421
1.21.18 F050:12 SubIndex 018 421
1.21.19 F050:13 SubIndex 019 421
1.21.20 F050:14 SubIndex 020 422
1.21.21 F050:15 SubIndex 021 422
1.21.22 F050:16 SubIndex 022 422
1.21.23 F050:17 SubIndex 023 423
1.21.24 F050:18 SubIndex 024 423
1.21.25 F050:19 SubIndex 025 423
1.21.26 F050:1A SubIndex 026 424
1.21.27 F050:1B SubIndex 027 424
1.21.28 F050:1C SubIndex 028 424
1.21.29 F050:1D SubIndex 029 424
1.21.30 F050:1E SubIndex 030 425
1.21.31 F050:1F SubIndex 031 425
1.21.32 F050:20 SubIndex 032 425
1.21.33 F050:21 SubIndex 033 426
1.21.34 F050:22 SubIndex 034 426
1.21.35 F050:23 SubIndex 035 426
1.21.36 F050:24 SubIndex 036 427
1.21.37 F050:25 SubIndex 037 427
1.21.38 F050:26 SubIndex 038 427
1.21.39 F050:27 SubIndex 039 428
1.21.40 F050:28 SubIndex 040 428
1.21.41 F050:29 SubIndex 041 428
1.21.42 F050:2A SubIndex 042 428
1.21.43 F050:2B SubIndex 043 429
1.21.44 F050:2C SubIndex 044 429
1.21.45 F050:2D SubIndex 045 429
1.21.46 F050:2E SubIndex 046 430
1.21.47 F050:2F SubIndex 047 430
1.21.48 F050:30 SubIndex 048 430

1.21.49 F050:31 SubIndex 049 431
1.21.50 F050:32 SubIndex 050 431
1.21.51 F050:33 SubIndex 051 431
1.21.52 F050:34 SubIndex 052 432
1.21.53 F050:35 SubIndex 053 432
1.21.54 F050:36 SubIndex 054 432
1.21.55 F050:37 SubIndex 055 432
1.21.56 F050:38 SubIndex 056 433
1.21.57 F050:39 SubIndex 057 433
1.21.58 F050:3A SubIndex 058 433
1.21.59 F050:3B SubIndex 059 434
1.21.60 F050:3C SubIndex 060 434
1.21.61 F050:3D SubIndex 061 434
1.21.62 F050:3E SubIndex 062 435
1.21.63 F050:3F SubIndex 063 435
1.21.64 F050:40 SubIndex 064 435
1.22 F083 BTN 436
1.23 FB00:x Command 437
1.23.1 FB00:01 Request 437
1.23.2 FB00:02 Status 437
1.23.3 FB00:03 Response 437
1.24 FB40:x Memory interface 439
1.24.1 FB40:01 Address 439
1.24.2 FB40:02 Length 439
1.24.3 FB40:03 Data 439

2 Objects of module DeviceMain 441
2.1 1600:x DeviceMain Outputs 441
2.2 16E0:x DeviceMain Dynamic Outputs 442
2.3 1A00:x DeviceMain Inputs 443
2.4 1AE0:x DeviceMain Dynamic Inputs 444
2.5 2C00:x InputPDO1 445
2.5.1 2C00:01 Power supply controlword 445
2.6 2C01:x DeviceMain actual values 446
2.6.1 2C01:01 Auxiliary voltage 446
2.6.2 2C01:02 Sync lost counter 446
2.7 2C02:x DeviceMain parameters 447
2.7.1 2C02:01 Min DC link voltage 447
2.7.2 2C02:02 Max DC link voltage 447
2.7.3 2C02:03 Device max current 448
2.7.4 2C02:04 Device rated current 448
2.7.5 2C02:05 Mains max voltage 448
2.7.6 2C02:06 Display brightness 448
2.8 2C03:x DeviceMain power supply connection 450
2.8.1 2C03:01 Power supply EtherCAT Address 450
2.8.2 2C03:02 Address valid 450
2.8.3 2C03:03 Statusword active 451

2.8.4 2C03:04 Readdata valid ... 451
2.8.5 2C03:05 Device compatible ... 451
2.8.6 2C03:06 Connection mode ... 452
2.9 2C04:x DeviceMain power supply informations ... 453
2.9.1 2C04:01 Device type ... 453
2.9.2 2C04:02 Device name ... 453
2.9.3 2C04:03 Hardware version ... 453
2.9.4 2C04:04 Software version ... 454
2.9.5 2C04:05 Vendor ID ... 454
2.9.6 2C04:06 Product code ... 454
2.9.7 2C04:07 Revision ... 455
2.9.8 2C04:08 Serial number ... 455
2.9.9 2C04:09 FeatureFlags ... 455
2.10 2C10:x DeviceMain production info ControlPcb ... 457
2.11 2C11:x DeviceMain production info FrontPcb ... 458
2.12 2C12:x DeviceMain production info AdditionalAxisPcb ... 459
2.13 2C13:x DeviceMain production info DisplayPcb ... 460
2.14 2C14:x DeviceMain production info SafetyPcb ... 461
2.15 2C15:x DeviceMain production info CpuPcb ... 462
2.16 2C16:x DeviceMain production info CapacitorPcb ... 463
2.17 2C1D:x DeviceMain startup info ... 464
2.17.1 2C1D:01 Startup state ... 464
2.18 2C1E:x DeviceMain error counter ... 465
2.18.1 2C1E:01 Motor overload shut down ... 465
2.18.2 2C1E:02 Motor overtemperature shut down ... 465
2.18.3 2C1E:03 Drive overtemperature shut down ... 465
2.18.4 2C1E:04 Control voltage error ... 466
2.18.5 2C1E:05 Feedback error ... 466
2.18.6 2C1E:06 Commutation error ... 466
2.18.7 2C1E:07 Overcurrent error ... 467
2.18.8 2C1E:08 Overvoltage error ... 467
2.18.9 2C1E:09 Undervoltage error ... 467
2.18.10 2C1E:0A Power supply phase error ... 468
2.18.11 2C1E:0B Communication error ... 468
2.18.12 2C1E:0C TorqueOff with emergency brake ... 468
2.18.13 2C1E:0D Motor connection error ... 469
2.18.14 2C1E:0E Safety STO error ... 469
2.18.15 2C1E:0F Overspeed error ... 469
2.18.16 2C1E:10 Motor Brake connection error ... 470
2.18.17 2C1E:11 DC link connection overcurrent error ... 470
2.19 2C1F:x DeviceMain info ... 471
2.19.1 2C1F:01 Operating time drive control ... 471
2.19.2 2C1F:02 DC link voltage scaling gain ... 471
2.19.3 2C1F:03 DC link voltage offset ... 471
2.19.4 2C1F:04 Firmware compatibility index ... 472
2.19.5 2C1F:06 Internal chip ID ... 472

2.19.6 2C1F:07 Frequency limitation ... 472
2.19.7 2C1F:08 Fpga configuration info ... 473
2.19.8 2C1F:09 Fpga version info ... 473
2.20 6079 DC link circuit voltage ... 474

3 Objects of module SafeMotion ... 475
3.1 15C0:x FSoE Slave Connection 1 Master Message-Par ... 475
3.1.1 15C0:06 Exclude RxPDOs ... 475
3.2 15C1:x FSoE Master Connection 1 Slave Message-Par ... 476
3.2.1 15C1:06 Exclude RxPDOs ... 476
3.3 15C2:x FSoE Slave Connection 2 Master Message-Par ... 477
3.3.1 15C2:06 Exclude RxPDOs ... 477
3.4 15C3:x FSoE Master Connection 2 Slave Message-Par ... 478
3.4.1 15C3:06 Exclude RxPDOs ... 478
3.5 15C4:x FSoE Slave Connection 3 Master Message-Par ... 479
3.5.1 15C4:06 Exclude RxPDOs ... 479
3.6 15C5:x FSoE Master Connection 3 Slave Message-Par ... 480
3.6.1 15C5:06 Exclude RxPDOs ... 480
3.7 15C6:x FSoE Slave Connection 4 Master Message-Par ... 481
3.7.1 15C6:06 Exclude RxPDOs ... 481
3.8 15C7:x FSoE Master Connection 4 Slave Message-Par ... 482
3.8.1 15C7:06 Exclude RxPDOs ... 482
3.9 15C8:x FSoE Slave Connection 5 Master Message-Par ... 483
3.9.1 15C8:06 Exclude RxPDOs ... 483
3.10 15C9:x FSoE Master Connection 5 Slave Message-Par ... 484
3.10.1 15C9:06 Exclude RxPDOs ... 484
3.11 15CA:x FSoE Slave Connection 6 Master Message-Par ... 485
3.11.1 15CA:06 Exclude RxPDOs ... 485
3.12 15CB:x FSoE Master Connection 6 Slave Message-Par ... 486
3.12.1 15CB:06 Exclude RxPDOs ... 486
3.13 15CC:x FSoE Slave Connection 7 Master Message-Par ... 487
3.13.1 15CC:06 Exclude RxPDOs ... 487
3.14 15CD:x FSoE Master Connection 7 Slave Message-Par ... 488
3.14.1 15CD:06 Exclude RxPDOs ... 488
3.15 15CE:x FSoE Slave Connection 8 Master Message-Par ... 489
3.15.1 15CE:06 Exclude RxPDOs ... 489
3.16 15CF:x FSoE Master Connection 8 Slave Message-Par ... 490
3.16.1 15CF:06 Exclude RxPDOs ... 490
3.17 17C0:x FSoE Slave Connection 1 Master Message ... 491
3.18 17C1:x FSoE Master Connection 1 Slave Message ... 492
3.19 17C2:x FSoE Slave Connection 2 Master Message ... 493
3.20 17C3:x FSoE Master Connection 2 Slave Message ... 494
3.21 17C4:x FSoE Slave Connection 3 Master Message ... 495
3.22 17C5:x FSoE Master Connection 3 Slave Message ... 496
3.23 17C6:x FSoE Slave Connection 4 Master Message ... 497
3.24 17C7:x FSoE Master Connection 4 Slave Message ... 498
3.25 17C8:x FSoE Slave Connection 5 Master Message ... 499

3.26 17C9:x FSoE Master Connection 5 Slave Message 500
3.27 17CA:x FSoE Slave Connection 6 Master Message 501
3.28 17CB:x FSoE Master Connection 6 Slave Message 502
3.29 17CC:x FSoE Slave Connection 7 Master Message 503
3.30 17CD:x FSoE Master Connection 7 Slave Message 504
3.31 17CE:x FSoE Slave Connection 8 Master Message 505
3.32 17CF:x FSoE Master Connection 8 Slave Message 506
3.33 17F0:x Standard Outputdata 507
3.34 17FF:x FSLOGIC RxPDO-Map Outputs 508
3.35 19C0:x FSoE Slave Connection 1 Slave Message-Par 509
3.35.1 19C0:06 Exclude TxPDOs 509
3.36 19C1:x FSoE Master Connection 1 Master Message-Par 510
3.36.1 19C1:06 Exclude TxPDOs 510
3.37 19C2:x FSoE Slave Connection 2 Slave Message-Par 511
3.37.1 19C2:06 Exclude TxPDOs 511
3.38 19C3:x FSoE Master Connection 2 Master Message-Par 512
3.38.1 19C3:06 Exclude TxPDOs 512
3.39 19C4:x FSoE Slave Connection 3 Slave Message-Par 513
3.39.1 19C4:06 Exclude TxPDOs 513
3.40 19C5:x FSoE Master Connection 3 Master Message-Par 514
3.40.1 19C5:06 Exclude TxPDOs 514
3.41 19C6:x FSoE Slave Connection 4 Slave Message-Par 515
3.41.1 19C6:06 Exclude TxPDOs 515
3.42 19C7:x FSoE Master Connection 4 Master Message-Par 516
3.42.1 19C7:06 Exclude TxPDOs 516
3.43 19C8:x FSoE Slave Connection 5 Slave Message-Par 517
3.43.1 19C8:06 Exclude TxPDOs 517
3.44 19C9:x FSoE Master Connection 5 Master Message-Par 518
3.44.1 19C9:06 Exclude TxPDOs 518
3.45 19CA:x FSoE Slave Connection 6 Slave Message-Par 519
3.45.1 19CA:06 Exclude TxPDOs 519
3.46 19CB:x FSoE Master Connection 6 Master Message-Par 520
3.46.1 19CB:06 Exclude TxPDOs 520
3.47 19CC:x FSoE Slave Connection 7 Slave Message-Par 521
3.47.1 19CC:06 Exclude TxPDOs 521
3.48 19CD:x FSoE Master Connection 7 Master Message-Par 522
3.48.1 19CD:06 Exclude TxPDOs 522
3.49 19CE:x FSoE Slave Connection 8 Slave Message-Par 523
3.49.1 19CE:06 Exclude TxPDOs 523
3.50 19CF:x FSoE Master Connection 8 Master Message-Par 524
3.50.1 19CF:06 Exclude TxPDOs 524
3.51 1BC0:x FSoE Slave Connection 1 Slave Message 525
3.52 1BC1:x FSoE Master Connection 1 Master Message 526
3.53 1BC2:x FSoE Slave Connection 2 Slave Message 527
3.54 1BC3:x FSoE Master Connection 2 Master Message 528
3.55 1BC4:x FSoE Slave Connection 3 Slave Message 529

3.56 1BC5:x FSoE Master Connection 3 Master Message ... 530
3.57 1BC6:x FSoE Slave Connection 4 Slave Message ... 531
3.58 1BC7:x FSoE Master Connection 4 Master Message ... 532
3.59 1BC8:x FSoE Slave Connection 5 Slave Message ... 533
3.60 1BC9:x FSoE Master Connection 5 Master Message ... 534
3.61 1BCA:x FSoE Slave Connection 6 Slave Message ... 535
3.62 1BCB:x FSoE Master Connection 6 Master Message ... 536
3.63 1BCC:x FSoE Slave Connection 7 Slave Message ... 537
3.64 1BCD:x FSoE Master Connection 7 Master Message ... 538
3.65 1BCE:x FSoE Slave Connection 8 Slave Message ... 539
3.66 1BCF:x FSoE Master Connection 8 Master Message ... 540
3.67 1BF0:x Standard Inputdata ... 541
3.68 1BF1:x Function Block Info Data ... 542
3.69 1BF6:x Connection Info Data ... 543
3.70 1BF9:x Group Info Data ... 544
3.71 1BFB:x Device Info Data ... 545
3.72 1BFF:x FSLOGIC TxPDO-Map Inputs ... 546
3.73 2D5F:x Safety info ... 547
3.73.1 2D5F:01 Associated device ... 547
3.74 C002:x Ch A FSOUT STO Status ... 548
3.74.1 C002:01 Module Fault ... 548
3.75 C008:x Ch A FSOUT STO State ... 549
3.75.1 C008:01 Axis Enabled ... 549
3.76 C012:x Ch A FSOUT BRAKE Status ... 550
3.76.1 C012:01 Module Fault ... 550
3.77 C018:x Ch A FSOUT BRAKE Active ... 551
3.77.1 C018:01 Active ... 551
3.78 C021:x Ch A FSIN Inputs ... 552
3.78.1 C021:01 Channel 1.Input ... 552
3.78.2 C021:02 Channel 2.Input ... 552
3.79 C022:x Ch A FSIN Status ... 553
3.79.1 C022:01 Module Fault ... 553
3.80 C030:x Ch A FSDRIVE Encoder Inputs ... 554
3.80.1 C030:01 Underrange Encoder Voltage ... 554
3.80.2 C030:02 Overrange Encoder Voltage ... 554
3.80.3 C030:03 Module Fault ... 554
3.80.4 C030:04 Encoder Enable ... 555
3.80.5 C030:11 Encoder Voltage ... 555
3.81 C033:x Ch A FSDRIVE SoC Inputs ... 556
3.81.1 C033:01 Electrical Angle ... 556
3.81.2 C033:02 Current Iq ... 556
3.81.3 C033:03 Current Id ... 556
3.82 C034:x Ch A FSDRIVE Axis Control ... 558
3.82.1 C034:01 Run ... 558
3.82.2 C034:02 ErrAck ... 558
3.83 C040:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Inputs ... 559
3.83.1 C040:01 Module Fault ... 559

3.83.2 C040:02 Encoder Ready 559
3.83.3 C040:03 Position Valid 559
3.83.4 C040:04 SDI_p 560
3.83.5 C040:05 SDI_n 560
3.83.6 C040:06 Referencing Required 560
3.83.7 C040:07 Reference Position Valid 561
3.83.8 C040:11 Reference Multiturn Position 561
3.83.9 C040:12 Multiturn Position 561
3.83.10 C040:13 Singleturn Position 561
3.83.11 C040:14 Reference Singleturn Position 562
3.84 C041:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Acceleration 563
3.84.1 C041:01 Max Value 563
3.84.2 C041:02 Average Value 563
3.85 C042:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Velocity 564
3.85.1 C042:01 Max Value 564
3.85.2 C042:02 Average Value 564
3.86 C043:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Torque 565
3.87 C044:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Inputs 566
3.87.1 C044:01 Module Fault 566
3.87.2 C044:02 Encoder Ready 566
3.87.3 C044:03 Position Valid 566
3.87.4 C044:04 SDI_p 567
3.87.5 C044:05 SDI_n 567
3.87.6 C044:06 Referencing Required 567
3.87.7 C044:07 Reference Position Valid 568
3.87.8 C044:11 Reference Multiturn Position 568
3.87.9 C044:12 Multiturn Position 568
3.87.10 C044:13 Singleturn Position 568
3.87.11 C044:14 Reference Singleturn Position 569
3.88 C045:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Acceleration 570
3.88.1 C045:01 Max Value 570
3.88.2 C045:02 Average Value 570
3.89 C046:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Velocity 571
3.89.1 C046:01 Max Value 571
3.89.2 C046:02 Average Value 571
3.90 C047:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Torque 572
3.91 C081:x Ch A FSOUT STO Outputs 573
3.91.1 C081:01 Channel 1.Output 573
3.91.2 C081:02 Channel 2.Output 573
3.91.3 C081:03 Channel 3.Output 573
3.91.4 C081:04 Channel 4.Output 574
3.92 C082:x Ch A FSOUT STO ErrAck 575
3.92.1 C082:01 ErrAck 575
3.93 C088:x Ch A FSOUT STO Control 576
3.93.1 C088:01 No STO 576
3.94 C091:x Ch A FSOUT BRAKE Outputs 577

3.94.1 C091:01 Enable ... 577
3.95 C092:x Ch A FSOUT BRAKE ErrAck ... 578
3.95.1 C092:01 ErrAck ... 578
3.96 C0A2:x Ch A FSIN ErrAck ... 579
3.96.1 C0A2:01 ErrAck ... 579
3.97 C0B0:x Ch A FSDRIVE Encoder Outputs ... 580
3.97.1 C0B0:01 ErrAck ... 580
3.98 C0B4:x Ch A FSDRIVE Axis Status ... 581
3.98.1 C0B4:01 Group Error ... 581
3.98.2 C0B4:02 Axis STO Error ... 581
3.98.3 C0B4:03 Axis Digital Inputs Error ... 581
3.98.4 C0B4:04 Axis Brake Error ... 582
3.98.5 C0B4:05 Encoder Undervoltage Error ... 582
3.98.6 C0B4:06 Encoder Overvoltage Error ... 582
3.98.7 C0B4:07 Encoder Module Enabled ... 583
3.98.8 C0B4:08 Primary Safety Feedback Error ... 583
3.98.9 C0B4:09 Secondary Safety Feedback Error ... 583
3.98.10 C0B4:0A Global Shutdown ... 583
3.98.11 C0B4:0B Status 10 ... 584
3.98.12 C0B4:0C Status 11 ... 584
3.98.13 C0B4:0D Status 12 ... 584
3.98.14 C0B4:0E Status 13 ... 585
3.99 C0B6:x Ch A FSDRIVE Drive Commands ... 586
3.99.1 C0B6:01 DriveCmd 1 ... 586
3.99.2 C0B6:02 DriveCmd 2 ... 586
3.99.3 C0B6:03 DriveCmd 3 ... 586
3.99.4 C0B6:04 DriveCmd 4 ... 587
3.99.5 C0B6:05 DriveCmd 5 ... 587
3.99.6 C0B6:06 DriveCmd 6 ... 587
3.99.7 C0B6:07 DriveCmd 7 ... 588
3.99.8 C0B6:08 DriveCmd 8 ... 588
3.99.9 C0B6:09 DriveCmd 9 ... 588
3.99.10 C0B6:0A DriveCmd 10 ... 588
3.99.11 C0B6:0B DriveCmd 11 ... 589
3.99.12 C0B6:0C DriveCmd 12 ... 589
3.99.13 C0B6:0D DriveCmd 13 ... 589
3.99.14 C0B6:0E DriveCmd 14 ... 590
3.99.15 C0B6:0F DriveCmd 15 ... 590
3.99.16 C0B6:10 DriveCmd 16 ... 590
3.100 C0B7:x Ch A FSDRIVE Trigger Diag Message ... 591
3.100.1 C0B7:01 Diag Message ... 591
3.100.2 C0B7:02 Diag Message ... 591
3.100.3 C0B7:03 Diag Message ... 591
3.100.4 C0B7:04 Diag Message ... 592
3.100.5 C0B7:05 Diag Message ... 592
3.100.6 C0B7:06 Diag Message ... 592
3.100.7 C0B7:07 Diag Message ... 593

3.100.8 C0B7:08 Diag Message 593
3.100.9 C0B7:09 Diag Message 593
3.100.10 C0B7:0A Diag Message 593
3.100.11 C0B7:0B Diag Message 594
3.100.12 C0B7:0C Diag Message 594
3.100.13 C0B7:0D Diag Message 594
3.100.14 C0B7:0E Diag Message 595
3.100.15 C0B7:0F Diag Message 595
3.100.16 C0B7:10 Diag Message 595
3.101 C0C0:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Outputs 596
3.101.1 C0C0:01 Enable 596
3.101.2 C0C0:02 ErrAck 596
3.101.3 C0C0:03 SetReference 596
3.102 C0C2:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Outputs 598
3.102.1 C0C2:01 Enable 598
3.102.2 C0C2:02 ErrAck 598
3.102.3 C0C2:03 SetReference 598
3.103 C100:x Ch A FSOUT STO Settings Common 600
3.103.1 C100:01 ModuloDiagTestPulse 600
3.103.2 C100:02 MultiplierDiagTestPulse 600
3.103.3 C100:03 Standard Outputs active 600
3.103.4 C100:04 Diag TestPulse active 601
3.104 C110:x Ch A FSOUT BRAKE Settings Common 602
3.104.1 C110:01 ModuloDiagTestPulse 602
3.104.2 C110:02 MultiplierDiagTestPulse 602
3.104.3 C110:03 Standard Outputs active 602
3.104.4 C110:04 Diag TestPulse active 603
3.105 C120:x Ch A FSIN Settings Common 604
3.105.1 C120:01 ModuloDiagTestPulse 604
3.105.2 C120:02 MultiplierDiagTestPulse 604
3.105.3 C120:04 Diag TestPulse active 604
3.106 C121:x Ch A FSIN Settings Channel 606
3.106.1 C121:01 Channel 1.InputFilterTime (in 125 us) 606
3.106.2 C121:02 Channel 1.DiagTestPulseFilterTime 606
3.106.3 C121:04 Channel 2.InputFilterTime (in 125 us) 606
3.106.4 C121:05 Channel 2.DiagTestPulseFilterTime 607
3.107 C130:x Ch A FSDRIVE Settings 608
3.107.1 C130:01 Brake Control Enabled 608
3.107.2 C130:02 Primary Feedback Enabled 608
3.107.3 C130:03 Secondary Feedback Enabled 608
3.108 C140:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Settings 610

3.108.1 C140:01 Average Calculation Acceleration ... 610
3.108.2 C140:05 Average Calculation Velocity ... 610
3.108.3 C140:0D Maximum Safe Position Deviation ... 611
3.108.4 C140:11 Encoder Direction Shift ... 611
3.108.5 C140:17 Enable 64 Bit Division ... 612
3.108.6 C140:19 Encoder Position Shift ... 612
3.109 C141:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Settings ... 613
3.109.1 C141:01 Average Calculation Acceleration ... 613
3.109.2 C141:05 Average Calculation Velocity ... 613
3.109.3 C141:0D Maximum Safe Position Deviation ... 614
3.109.4 C141:11 Encoder Direction Shift ... 614
3.109.5 C141:17 Enable 64 Bit Division ... 615
3.109.6 C141:19 Encoder Position Shift ... 615
3.110 C142:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Referencing Settings ... 616
3.110.1 C142:01 Operation Mode ... 616
3.110.2 C142:11 Reference SafePostion Singleturn ... 616
3.110.3 C142:12 Reference SafePosition Multiturn ... 617
3.110.4 C142:13 Speed at Reference Position ... 617
3.110.5 C142:14 Maximum Singleturn Referenced SafePosition ... 617
3.110.6 C142:15 Maximum Multiturn Referenced SafePosition ... 617
3.110.7 C142:16 Minimum Singleturn Referenced SafePosition ... 618
3.110.8 C142:17 Minimum Multiturn Referenced SafePosition ... 618
3.110.9 C142:18 Deviation Startup Position ... 618
3.111 C143:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Referencing Settings ... 619
3.111.1 C143:01 Operation Mode ... 619
3.111.2 C143:11 Reference SafePostion Singleturn ... 619
3.111.3 C143:12 Reference SafePosition Multiturn ... 620
3.111.4 C143:13 Speed at Reference Position ... 620
3.111.5 C143:14 Maximum Singleturn Referenced SafePosition ... 620
3.111.6 C143:15 Maximum Multiturn Referenced SafePosition ... 620
3.111.7 C143:16 Minimum Singleturn Referenced SafePosition ... 621
3.111.8 C143:17 Minimum Multiturn Referenced SafePosition ... 621
3.111.9 C143:18 Deviation Startup Position ... 621
3.112 C1B0:x Ch A FSDRIVE SoC Info Data ... 622
3.112.1 C1B0:01 Current Phase U ... 622
3.112.2 C1B0:02 Current Phase V ... 622
3.112.3 C1B0:03 Current Phase W ... 622
3.113 C230:x Ch A FSDRIVE Encoder Diag Data ... 624
3.113.1 C230:01 State ... 624
3.113.2 C230:02 Error Code ... 624
3.114 C240:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Parameter ... 625
3.114.1 C240:01 Encoder Identification ... 625
3.114.2 C240:02 ID ... 625
3.114.3 C240:03 SN ... 625
3.114.4 C240:04 Protocol ... 626
3.114.5 C240:05 Encoder Type ... 626
3.114.6 C240:06 Reserved_0 ... 626

3.114.7 C240:07 Motor Serial Number ... 627
3.114.8 C240:08 EnDat 2.2 Multiturn Bits ... 627
3.114.9 C240:09 EnDat 2.2 Singleturn Bits ... 627
3.114.10 C240:0A EnDat 2.2 Short Recovery Time ... 627
3.114.11 C240:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition ... 628
3.114.12 C240:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition ... 628
3.114.13 C240:0D EnDat 2.2 NumberOfClocksForPosValue ... 628
3.114.14 C240:0E EnDat 2.2 Forced Sampling Status ... 629
3.114.15 C240:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2 ... 629
3.114.16 C240:10 EnDat 2.2 SafetyRelevantMeasuringSteps ... 629
3.114.17 C240:11 EnDat 2.2 Datum Shift ... 629
3.114.18 C240:12 SafetyOCT SafetyRelatedEncResolutionCh1 ... 630
3.114.19 C240:13 SafetyOCT SafetyRelatedEncResolutionCh2 ... 630
3.114.20 C240:14 SafetyOCT Encoder Range ... 630
3.114.21 C240:15 SafetyOCT Reserved_1 ... 631
3.114.22 C240:16 SafetyOCT Firmware ... 631
3.114.23 C240:17 SafetyOCT Firmware Date ... 631
3.114.24 C240:18 SafetyOCT Encoder Index ... 631
3.114.25 C240:19 SafetyOCT Encoder Index Status ... 632
3.114.26 C240:1A SafetyOCT Position Offset ... 632
3.114.27 C240:1B Primary Feedback Parameter CRC ... 632
3.114.28 C240:1C EnDat 3 DataTestLowerLimitPos ... 633
3.114.29 C240:1D EnDat 3 DataTestUpperLimitPos ... 633
3.114.30 C240:1E EnDat 3 DataTestOffsetPosFS ... 633
3.114.31 C240:1F EnDat 3 DataTestOffsetPos ... 633
3.114.32 C240:20 EnDat 3 DataTestNumSafePosBits ... 634
3.114.33 C240:21 EnDat 3 SafetyBits ... 634
3.114.34 C240:22 EnDat 3 AxisAddress ... 634

3.114.3 C240:23 EnDat 3 Multiturn Bits 6355
3.114.3 C240:24 EnDat 3 Singleturn Bits 6356
3.114.3 C240:25 Primary Feedback EnDat3 Parameter CRC 6357
3.115 C241:x Ch A SAFEDRIVEFEEDBACK Primary Feedback State 636
3.115.1 C241:01 Feedback Drive Application State 636
3.116 C242:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Parameter 637
3.116.1 C242:01 Encoder Identification 637
3.116.2 C242:02 ID 637
3.116.3 C242:03 SN 637
3.116.4 C242:04 Protocol 638
3.116.5 C242:05 Encoder Type 638
3.116.6 C242:06 Reserved_0 638
3.116.7 C242:07 Motor Serial Number 639
3.116.8 C242:08 EnDat 2.2 Multiturn Bits 639
3.116.9 C242:09 EnDat 2.2 Singleturn Bits 639
3.116.10 C242:0A EnDat 2.2 Short Recovery Time 6390
3.116.11 C242:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition 6401
3.116.12 C242:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition 6402
3.116.13 C242:0D EnDat 2.2 NumberOfClocksForPosValue 6403
3.116.14 C242:0E EnDat 2.2 Forced Sampling Status 6414
3.116.15 C242:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2 6415
3.116.16 C242:10 EnDat 2.2 SafetyRelevantMeasuringSteps 6416
3.116.17 C242:11 EnDat 2.2 Datum Shift 6417
3.116.18 C242:12 SafetyOCT SafetyRelatedEncResolutionCh1 6428
3.116.19 C242:13 SafetyOCT SafetyRelatedEncResolutionCh2 6429
3.116.20 C242:14 SafetyOCT Encoder Range 6420
3.116.21 C242:15 SafetyOCT Reserved_1 6431
3.116.22 C242:16 SafetyOCT Firmware 6432
3.116.23 C242:17 SafetyOCT Firmware Date 6433
3.116.24 C242:18 SafetyOCT Encoder Index 6434
3.116.25 C242:19 SafetyOCT Encoder Index Status 6445
3.116.26 C242:1A SafetyOCT Position Offset 6446

3.116.2 C242:1B Secondary Feedback Parameter CRC ... 6447
3.116.2 C242:1C EnDat 3 DataTestLowerLimitPos ... 6458
3.116.2 C242:1D EnDat 3 DataTestUpperLimitPos ... 6459
3.116.3 C242:1E EnDat 3 DataTestOffsetPosFS ... 6450
3.116.3 C242:1F EnDat 3 DataTestOffsetPos ... 6451
3.116.3 C242:20 EnDat 3 DataTestNumSafePosBits ... 6462
3.116.3 C242:21 EnDat 3 SafetyBits ... 6463
3.116.3 C242:22 EnDat 3 AxisAddress ... 6464
3.116.3 C242:23 EnDat 3 Multiturn Bits ... 6475
3.116.3 C242:24 EnDat 3 Singleturn Bits ... 6476
3.116.3 C242:25 Secondary Feedback EnDat3 Parameter CRC ... 6477
3.117 C243:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback State ... 648
3.117.1 C243:01 Feedback Drive Application State ... 648
3.118 C24C:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Diag Data ... 649
3.118.1 C24C:01 State ... 649
3.118.2 C24C:02 Error Code ... 649
3.119 C24D:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Diag Data ... 650
3.119.1 C24D:01 State ... 650
3.119.2 C24D:02 Error Code ... 650
3.120 C282:x Ch B FSOUT STO Status ... 651
3.120.1 C282:01 Module Fault ... 651
3.121 C288:x Ch B FSOUT STO State ... 652
3.121.1 C288:01 Axis Enabled ... 652
3.122 C292:x Ch B FSOUT BRAKE Status ... 653
3.122.1 C292:01 Module Fault ... 653
3.123 C298:x Ch B FSOUT BRAKE Active ... 654
3.123.1 C298:01 Active ... 654
3.124 C2A1:x Ch B FSIN Inputs ... 655
3.124.1 C2A1:01 Channel 1.Input ... 655
3.124.2 C2A1:02 Channel 2.Input ... 655
3.125 C2A2:x Ch B FSIN Status ... 656
3.125.1 C2A2:01 Module Fault ... 656
3.126 C2B0:x Ch B FSDRIVE Encoder Inputs ... 657
3.126.1 C2B0:01 Underrange Encoder Voltage ... 657
3.126.2 C2B0:02 Overrange Encoder Voltage ... 657
3.126.3 C2B0:03 Module Fault ... 657
3.126.4 C2B0:04 Encoder Enable ... 658
3.126.5 C2B0:11 Encoder Voltage ... 658

3.127 C2B3:x Ch B FSDRIVE SoC Inputs 659
3.127.1 C2B3:01 Electrical Angle 659
3.127.2 C2B3:02 Current Iq 659
3.127.3 C2B3:03 Current Id 659
3.128 C2B4:x Ch B FSDRIVE Axis Control 661
3.128.1 C2B4:01 Run 661
3.128.2 C2B4:02 ErrAck 661
3.129 C2C0:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Inputs 662
3.129.1 C2C0:01 Module Fault 662
3.129.2 C2C0:02 Encoder Ready 662
3.129.3 C2C0:03 Position Valid 662
3.129.4 C2C0:04 SDI_p 663
3.129.5 C2C0:05 SDI_n 663
3.129.6 C2C0:06 Referencing Required 663
3.129.7 C2C0:07 Reference Position Valid 664
3.129.8 C2C0:11 Reference Multiturn Position 664
3.129.9 C2C0:12 Multiturn Position 664
3.129.10 C2C0:13 Singleturn Position 6640
3.129.11 C2C0:14 Reference Singleturn Position 6651
3.130 C2C1:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Acceleration 666
3.130.1 C2C1:01 Max Value 666
3.130.2 C2C1:02 Average Value 666
3.131 C2C2:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Velocity 667
3.131.1 C2C2:01 Max Value 667
3.131.2 C2C2:02 Average Value 667
3.132 C2C3:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Torque 668
3.133 C2C4:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Inputs 669
3.133.1 C2C4:01 Module Fault 669
3.133.2 C2C4:02 Encoder Ready 669
3.133.3 C2C4:03 Position Valid 669
3.133.4 C2C4:04 SDI_p 670
3.133.5 C2C4:05 SDI_n 670
3.133.6 C2C4:06 Referencing Required 670
3.133.7 C2C4:07 Reference Position Valid 671
3.133.8 C2C4:11 Reference Multiturn Position 671
3.133.9 C2C4:12 Multiturn Position 671
3.133.10 C2C4:13 Singleturn Position 6710
3.133.11 C2C4:14 Reference Singleturn Position 6721
3.134 C2C5:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Acceleration 673
3.134.1 C2C5:01 Max Value 673
3.134.2 C2C5:02 Average Value 673
3.135 C2C6:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Velocity 674
3.135.1 C2C6:01 Max Value 674
3.135.2 C2C6:02 Average Value 674

3.136 C2C7:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Torque 675
3.137 C301:x Ch B FSOUT STO Outputs 676
3.137.1 C301:01 Channel 1.Output 676
3.137.2 C301:02 Channel 2.Output 676
3.137.3 C301:03 Channel 3.Output 676
3.137.4 C301:04 Channel 4.Output 677
3.138 C302:x Ch B FSOUT STO ErrAck 678
3.138.1 C302:01 ErrAck 678
3.139 C308:x Ch B FSOUT STO Control 679
3.139.1 C308:01 No STO 679
3.140 C311:x Ch B FSOUT BRAKE Outputs 680
3.140.1 C311:01 Enable 680
3.141 C312:x Ch B FSOUT BRAKE ErrAck 681
3.141.1 C312:01 ErrAck 681
3.142 C322:x Ch B FSIN ErrAck 682
3.142.1 C322:01 ErrAck 682
3.143 C330:x Ch B FSDRIVE Encoder Outputs 683
3.143.1 C330:01 ErrAck 683
3.144 C334:x Ch B FSDRIVE Axis Status 684
3.144.1 C334:01 Group Error 684
3.144.2 C334:02 Axis STO Error 684
3.144.3 C334:03 Axis Digital Inputs Error 684
3.144.4 C334:04 Axis Brake Error 685
3.144.5 C334:05 Encoder Undervoltage Error 685
3.144.6 C334:06 Encoder Overvoltage Error 685
3.144.7 C334:07 Encoder Module Enabled 686
3.144.8 C334:08 Primary Safety Feedback Error 686
3.144.9 C334:09 Secondary Safety Feedback Error 686
3.144.10 C334:0A Global Shutdown 6860
3.144.11 C334:0B Status 10 6871
3.144.12 C334:0C Status 11 6872
3.144.13 C334:0D Status 12 6873
3.144.14 C334:0E Status 13 6884
3.145 C336:x Ch B FSDRIVE Drive Commands 689
3.145.1 C336:01 DriveCmd 1 689
3.145.2 C336:02 DriveCmd 2 689
3.145.3 C336:03 DriveCmd 3 689
3.145.4 C336:04 DriveCmd 4 690
3.145.5 C336:05 DriveCmd 5 690
3.145.6 C336:06 DriveCmd 6 690
3.145.7 C336:07 DriveCmd 7 691
3.145.8 C336:08 DriveCmd 8 691

3.145.9 C336:09 DriveCmd 9 ... 691
3.145.10 C336:0A DriveCmd 10 ... 691
3.145.11 C336:0B DriveCmd 11 ... 692
3.145.12 C336:0C DriveCmd 12 ... 692
3.145.13 C336:0D DriveCmd 13 ... 692
3.145.14 C336:0E DriveCmd 14 ... 693
3.145.15 C336:0F DriveCmd 15 ... 693
3.145.16 C336:10 DriveCmd 16 ... 693
3.146 C337:x Ch B FSDRIVE Trigger Diag Message ... 694
3.146.1 C337:01 Diag Message ... 694
3.146.2 C337:02 Diag Message ... 694
3.146.3 C337:03 Diag Message ... 694
3.146.4 C337:04 Diag Message ... 695
3.146.5 C337:05 Diag Message ... 695
3.146.6 C337:06 Diag Message ... 695
3.146.7 C337:07 Diag Message ... 696
3.146.8 C337:08 Diag Message ... 696
3.146.9 C337:09 Diag Message ... 696
3.146.10 C337:0A Diag Message ... 696
3.146.11 C337:0B Diag Message ... 697
3.146.12 C337:0C Diag Message ... 697
3.146.13 C337:0D Diag Message ... 697
3.146.14 C337:0E Diag Message ... 698
3.146.15 C337:0F Diag Message ... 698
3.146.16 C337:10 Diag Message ... 698
3.147 C340:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Outputs ... 699
3.147.1 C340:01 Enable ... 699
3.147.2 C340:02 ErrAck ... 699
3.147.3 C340:03 SetReference ... 699
3.148 C342:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Outputs ... 701
3.148.1 C342:01 Enable ... 701
3.148.2 C342:02 ErrAck ... 701
3.148.3 C342:03 SetReference ... 701
3.149 C380:x Ch B FSOUT STO Settings Common ... 703
3.149.1 C380:01 ModuloDiagTestPulse ... 703
3.149.2 C380:02 MultiplierDiagTestPulse ... 703

3.149.3 C380:03 Standard Outputs active 703
3.149.4 C380:04 Diag TestPulse active 704
3.150 C390:x Ch B FSOUT BRAKE Settings Common 705
3.150.1 C390:01 ModuloDiagTestPulse 705
3.150.2 C390:02 MultiplierDiagTestPulse 705
3.150.3 C390:03 Standard Outputs active 705
3.150.4 C390:04 Diag TestPulse active 706
3.151 C3A0:x Ch B FSIN Settings Common 707
3.151.1 C3A0:01 ModuloDiagTestPulse 707
3.151.2 C3A0:02 MultiplierDiagTestPulse 707
3.151.3 C3A0:04 Diag TestPulse active 707
3.152 C3A1:x Ch B FSIN Settings Channel 709
3.152.1 C3A1:01 Channel 1.InputFilterTime (in 125 us) 709
3.152.2 C3A1:02 Channel 1.DiagTestPulseFilterTime 709
3.152.3 C3A1:04 Channel 2.InputFilterTime (in 125 us) 709
3.152.4 C3A1:05 Channel 2.DiagTestPulseFilterTime 710
3.153 C3B0:x Ch B FSDRIVE Settings 711
3.153.1 C3B0:01 Brake Control Enabled 711
3.153.2 C3B0:02 Primary Feedback Enabled 711
3.153.3 C3B0:03 Secondary Feedback Enabled 711
3.154 C3C0:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Settings 713
3.154.1 C3C0:01 Average Calculation Acceleration 713
3.154.2 C3C0:05 Average Calculation Velocity 713
3.154.3 C3C0:0D Maximum Safe Position Deviation 714
3.154.4 C3C0:11 Encoder Direction Shift 714
3.154.5 C3C0:17 Enable 64 Bit Division 715
3.154.6 C3C0:19 Encoder Position Shift 715
3.155 C3C1:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Settings 716
3.155.1 C3C1:01 Average Calculation Acceleration 716
3.155.2 C3C1:05 Average Calculation Velocity 716
3.155.3 C3C1:0D Maximum Safe Position Deviation 717
3.155.4 C3C1:11 Encoder Direction Shift 717
3.155.5 C3C1:17 Enable 64 Bit Division 718
3.155.6 C3C1:19 Encoder Position Shift 718
3.156 C3C2:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Referencing Settings 719
3.156.1 C3C2:01 Operation Mode 719
3.156.2 C3C2:11 Reference SafePostion Singleturn 719
3.156.3 C3C2:12 Reference SafePosition Multiturn 720
3.156.4 C3C2:13 Speed at Reference Position 720
3.156.5 C3C2:14 Maximum Singleturn Referenced SafePosition 720
3.156.6 C3C2:15 Maximum Multiturn Referenced SafePosition 720
3.156.7 C3C2:16 Minimum Singleturn Referenced SafePosition 721
3.156.8 C3C2:17 Minimum Multiturn Referenced SafePosition 721
3.156.9 C3C2:18 Deviation Startup Position 721
3.157 C3C3:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Referencing Settings 722
3.157.1 C3C3:01 Operation Mode 722

3.157.2 C3C3:11 Reference SafePostion Singleturn ... 722
3.157.3 C3C3:12 Reference SafePosition Multiturn ... 723
3.157.4 C3C3:13 Speed at Reference Position ... 723
3.157.5 C3C3:14 Maximum Singleturn Referenced SafePosition ... 723
3.157.6 C3C3:15 Maximum Multiturn Referenced SafePosition ... 723
3.157.7 C3C3:16 Minimum Singleturn Referenced SafePosition ... 724
3.157.8 C3C3:17 Minimum Multiturn Referenced SafePosition ... 724
3.157.9 C3C3:18 Deviation Startup Position ... 724
3.158 C430:x Ch B FSDRIVE SoC Info Data ... 725
3.158.1 C430:01 Current Phase U ... 725
3.158.2 C430:02 Current Phase V ... 725
3.158.3 C430:03 Current Phase W ... 725
3.159 C4B0:x Ch B FSDRIVE Encoder Diag Data ... 727
3.159.1 C4B0:01 State ... 727
3.159.2 C4B0:02 Error Code ... 727
3.160 C4C0:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Parameter ... 728
3.160.1 C4C0:01 Encoder Identification ... 728
3.160.2 C4C0:02 ID ... 728
3.160.3 C4C0:03 SN ... 728
3.160.4 C4C0:04 Protocol ... 729
3.160.5 C4C0:05 Encoder Type ... 729
3.160.6 C4C0:06 Reserved_0 ... 729
3.160.7 C4C0:07 Motor Serial Number ... 730
3.160.8 C4C0:08 EnDat 2.2 Multiturn Bits ... 730
3.160.9 C4C0:09 EnDat 2.2 Singleturn Bits ... 730
3.160.10 C4C0:0A EnDat 2.2 Short Recovery Time ... 730
3.160.11 C4C0:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition ... 731
3.160.12 C4C0:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition ... 731
3.160.13 C4C0:0D EnDat 2.2 NumberOfClocksForPosValue ... 731
3.160.14 C4C0:0E EnDat 2.2 Forced Sampling Status ... 732
3.160.15 C4C0:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2 ... 732
3.160.16 C4C0:10 EnDat 2.2 SafetyRelevantMeasuringSteps ... 732
3.160.17 C4C0:11 EnDat 2.2 Datum Shift ... 732
3.160.18 C4C0:12 SafetyOCT SafetyRelatedEncResolutionCh1 ... 733
3.160.19 C4C0:13 SafetyOCT SafetyRelatedEncResolutionCh2 ... 733
3.160.2 C4C0:14 SafetyOCT Encoder Range ... 733
3.160.2 C4C0:15 SafetyOCT Reserved_1 ... 734

3.160.2 C4C0:16 SafetyOCT Firmware 7342
3.160.2 C4C0:17 SafetyOCT Firmware Date 7343
3.160.2 C4C0:18 SafetyOCT Encoder Index 7344
3.160.2 C4C0:19 SafetyOCT Encoder Index Status 7355
3.160.2 C4C0:1A SafetyOCT Position Offset 7356
3.160.2 C4C0:1B Primary Feedback Parameter CRC 7357
3.160.2 C4C0:1C EnDat 3 DataTestLowerLimitPos 7368
3.160.2 C4C0:1D EnDat 3 DataTestUpperLimitPos 7369
3.160.3 C4C0:1E EnDat 3 DataTestOffsetPosFS 7360
3.160.3 C4C0:1F EnDat 3 DataTestOffsetPos 7361
3.160.3 C4C0:20 EnDat 3 DataTestNumSafePosBits 7372
3.160.3 C4C0:21 EnDat 3 SafetyBits 7373
3.160.3 C4C0:22 EnDat 3 AxisAddress 7374
3.160.3 C4C0:23 EnDat 3 Multiturn Bits 7385
3.160.3 C4C0:24 EnDat 3 Singleturn Bits 7386
3.160.3 C4C0:25 Primary Feedback EnDat3 Parameter CRC 7387
3.161 C4C1:x Ch B SAFEDRIVEFEEDBACK Primary Feedback State 739
3.161.1 C4C1:01 Feedback Drive Application State 739
3.162 C4C2:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Parameter 740
3.162.1 C4C2:01 Encoder Identification 740
3.162.2 C4C2:02 ID 740
3.162.3 C4C2:03 SN 740
3.162.4 C4C2:04 Protocol 741
3.162.5 C4C2:05 Encoder Type 741
3.162.6 C4C2:06 Reserved_0 741
3.162.7 C4C2:07 Motor Serial Number 742
3.162.8 C4C2:08 EnDat 2.2 Multiturn Bits 742
3.162.9 C4C2:09 EnDat 2.2 Singleturn Bits 742
3.162.10 C4C2:0A EnDat 2.2 Short Recovery Time 742
3.162.11 C4C2:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition 743
3.162.12 C4C2:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition 743

3.162.1 C4C2:0D EnDat 2.2 NumberOfClocksForPosValue 7433
3.162.1 C4C2:0E EnDat 2.2 Forced Sampling Status 7444
3.162.1 C4C2:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2 7445
3.162.1 C4C2:10 EnDat 2.2 SafetyRelevantMeasuringSteps 7446
3.162.1 C4C2:11 EnDat 2.2 Datum Shift 7447
3.162.1 C4C2:12 SafetyOCT SafetyRelatedEncResolutionCh1 7458
3.162.1 C4C2:13 SafetyOCT SafetyRelatedEncResolutionCh2 7459
3.162.2 C4C2:14 SafetyOCT Encoder Range 7460
3.162.2 C4C2:15 SafetyOCT Reserved_1 7461
3.162.2 C4C2:16 SafetyOCT Firmware 7462
3.162.2 C4C2:17 SafetyOCT Firmware Date 7463
3.162.2 C4C2:18 SafetyOCT Encoder Index 7464
3.162.2 C4C2:19 SafetyOCT Encoder Index Status 7475
3.162.2 C4C2:1A SafetyOCT Position Offset 7476
3.162.2 C4C2:1B Secondary Feedback Parameter CRC 7477
3.162.2 C4C2:1C EnDat 3 DataTestLowerLimitPos 7488
3.162.2 C4C2:1D EnDat 3 DataTestUpperLimitPos 7489
3.162.3 C4C2:1E EnDat 3 DataTestOffsetPosFS 7480
3.162.3 C4C2:1F EnDat 3 DataTestOffsetPos 7481
3.162.3 C4C2:20 EnDat 3 DataTestNumSafePosBits 7492
3.162.3 C4C2:21 EnDat 3 SafetyBits 7493
3.162.3 C4C2:22 EnDat 3 AxisAddress 7494
3.162.3 C4C2:23 EnDat 3 Multiturn Bits 7505
3.162.3 C4C2:24 EnDat 3 Singleturn Bits 7506
3.162.3 C4C2:25 Secondary Feedback EnDat3 Parameter CRC 7507
3.163 C4C3:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback State 751
3.163.1 C4C3:01 Feedback Drive Application State 751
3.164 C4CC:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Diag Data 752

3.164.1 C4CC:01 State 752
3.164.2 C4CC:02 Error Code 752
3.165 C4CD:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Diag Data 753
3.165.1 C4CD:01 State 753
3.165.2 C4CD:02 Error Code 753
3.166 E600:x FSOE Connection 1 Slave Frame Elements 754
3.166.1 E600:01 FSoE Slave Cmd 754
3.166.2 E600:02 FSoE Slave ConnID 754
3.166.3 E600:03 FSoE Slave CRC_0 754
3.166.4 E600:04 FSoE Slave CRC_1 755
3.166.5 E600:05 FSoE Slave CRC_2 755
3.166.6 E600:06 FSoE Slave CRC_3 755
3.166.7 E600:07 FSoE Slave CRC_4 756
3.166.8 E600:08 FSoE Slave CRC_5 756
3.166.9 E600:09 FSoE Slave CRC_6 756
3.166.10 E600:0A FSoE Slave CRC_7 756
3.166.11 E600:0B FSoE Slave CRC_8 757
3.166.12 E600:0C FSoE Slave CRC_9 757
3.166.13 E600:0D FSoE Slave CRC_10 757
3.166.14 E600:0E FSoE Slave CRC_11 758
3.166.15 E600:0F FSoE Slave CRC_12 758
3.166.16 E600:10 FSoE Slave CRC_13 758
3.167 E610:x FSOE Connection 2 Slave Frame Elements 759
3.167.1 E610:01 FSoE Slave Cmd 759
3.167.2 E610:02 FSoE Slave ConnID 759
3.167.3 E610:03 FSoE Slave CRC_0 759
3.167.4 E610:04 FSoE Slave CRC_1 760
3.167.5 E610:05 FSoE Slave CRC_2 760
3.167.6 E610:06 FSoE Slave CRC_3 760
3.167.7 E610:07 FSoE Slave CRC_4 761
3.167.8 E610:08 FSoE Slave CRC_5 761
3.167.9 E610:09 FSoE Slave CRC_6 761
3.167.10 E610:0A FSoE Slave CRC_7 761
3.167.11 E610:0B FSoE Slave CRC_8 762
3.167.12 E610:0C FSoE Slave CRC_9 762
3.167.13 E610:0D FSoE Slave CRC_10 762
3.167.14 E610:0E FSoE Slave CRC_11 763

3.167.1 E610:0F FSoE Slave CRC_12 ... 763
5
3.167.1 E610:10 FSoE Slave CRC_13 ... 763
6
3.168 E620:x FSOE Connection 3 Slave Frame Elements ... 764
3.168.1 E620:01 FSoE Slave Cmd ... 764
3.168.2 E620:02 FSoE Slave ConnID ... 764
3.168.3 E620:03 FSoE Slave CRC_0 ... 764
3.168.4 E620:04 FSoE Slave CRC_1 ... 765
3.168.5 E620:05 FSoE Slave CRC_2 ... 765
3.168.6 E620:06 FSoE Slave CRC_3 ... 765
3.168.7 E620:07 FSoE Slave CRC_4 ... 766
3.168.8 E620:08 FSoE Slave CRC_5 ... 766
3.168.9 E620:09 FSoE Slave CRC_6 ... 766
3.168.1 E620:0A FSoE Slave CRC_7 ... 766
0
3.168.1 E620:0B FSoE Slave CRC_8 ... 767
1
3.168.1 E620:0C FSoE Slave CRC_9 ... 767
2
3.168.1 E620:0D FSoE Slave CRC_10 ... 767
3
3.168.1 E620:0E FSoE Slave CRC_11 ... 768
4
3.168.1 E620:0F FSoE Slave CRC_12 ... 768
5
3.168.1 E620:10 FSoE Slave CRC_13 ... 768
6
3.169 E630:x FSOE Connection 4 Slave Frame Elements ... 769
3.169.1 E630:01 FSoE Slave Cmd ... 769
3.169.2 E630:02 FSoE Slave ConnID ... 769
3.169.3 E630:03 FSoE Slave CRC_0 ... 769
3.169.4 E630:04 FSoE Slave CRC_1 ... 770
3.169.5 E630:05 FSoE Slave CRC_2 ... 770
3.169.6 E630:06 FSoE Slave CRC_3 ... 770
3.169.7 E630:07 FSoE Slave CRC_4 ... 771
3.169.8 E630:08 FSoE Slave CRC_5 ... 771
3.169.9 E630:09 FSoE Slave CRC_6 ... 771
3.169.1 E630:0A FSoE Slave CRC_7 ... 771
0
3.169.1 E630:0B FSoE Slave CRC_8 ... 772
1
3.169.1 E630:0C FSoE Slave CRC_9 ... 772
2
3.169.1 E630:0D FSoE Slave CRC_10 ... 772
3
3.169.1 E630:0E FSoE Slave CRC_11 ... 773
4
3.169.1 E630:0F FSoE Slave CRC_12 ... 773
5

3.169.1 E630:10 FSoE Slave CRC_13 ... 7736
3.170 E640:x FSOE Connection 5 Slave Frame Elements ... 774
3.170.1 E640:01 FSoE Slave Cmd ... 774
3.170.2 E640:02 FSoE Slave ConnID ... 774
3.170.3 E640:03 FSoE Slave CRC_0 ... 774
3.170.4 E640:04 FSoE Slave CRC_1 ... 775
3.170.5 E640:05 FSoE Slave CRC_2 ... 775
3.170.6 E640:06 FSoE Slave CRC_3 ... 775
3.170.7 E640:07 FSoE Slave CRC_4 ... 776
3.170.8 E640:08 FSoE Slave CRC_5 ... 776
3.170.9 E640:09 FSoE Slave CRC_6 ... 776
3.170.10 E640:0A FSoE Slave CRC_7 ... 776
3.170.11 E640:0B FSoE Slave CRC_8 ... 7771
3.170.12 E640:0C FSoE Slave CRC_9 ... 7772
3.170.13 E640:0D FSoE Slave CRC_10 ... 7773
3.170.14 E640:0E FSoE Slave CRC_11 ... 7784
3.170.15 E640:0F FSoE Slave CRC_12 ... 7785
3.170.16 E640:10 FSoE Slave CRC_13 ... 7786
3.171 E650:x FSOE Connection 6 Slave Frame Elements ... 779
3.171.1 E650:01 FSoE Slave Cmd ... 779
3.171.2 E650:02 FSoE Slave ConnID ... 779
3.171.3 E650:03 FSoE Slave CRC_0 ... 779
3.171.4 E650:04 FSoE Slave CRC_1 ... 780
3.171.5 E650:05 FSoE Slave CRC_2 ... 780
3.171.6 E650:06 FSoE Slave CRC_3 ... 780
3.171.7 E650:07 FSoE Slave CRC_4 ... 781
3.171.8 E650:08 FSoE Slave CRC_5 ... 781
3.171.9 E650:09 FSoE Slave CRC_6 ... 781
3.171.10 E650:0A FSoE Slave CRC_7 ... 781
3.171.11 E650:0B FSoE Slave CRC_8 ... 7821
3.171.12 E650:0C FSoE Slave CRC_9 ... 7822
3.171.13 E650:0D FSoE Slave CRC_10 ... 7823
3.171.14 E650:0E FSoE Slave CRC_11 ... 7834
3.171.15 E650:0F FSoE Slave CRC_12 ... 7835
3.171.16 E650:10 FSoE Slave CRC_13 ... 7836

3.172 E660:x FSOE Connection 7 Slave Frame Elements ... 784
3.172.1 E660:01 FSoE Slave Cmd ... 784
3.172.2 E660:02 FSoE Slave ConnID ... 784
3.172.3 E660:03 FSoE Slave CRC_0 ... 784
3.172.4 E660:04 FSoE Slave CRC_1 ... 785
3.172.5 E660:05 FSoE Slave CRC_2 ... 785
3.172.6 E660:06 FSoE Slave CRC_3 ... 785
3.172.7 E660:07 FSoE Slave CRC_4 ... 786
3.172.8 E660:08 FSoE Slave CRC_5 ... 786
3.172.9 E660:09 FSoE Slave CRC_6 ... 786
3.172.10 E660:0A FSoE Slave CRC_7 ... 786
3.172.11 E660:0B FSoE Slave CRC_8 ... 787
3.172.12 E660:0C FSoE Slave CRC_9 ... 787
3.172.13 E660:0D FSoE Slave CRC_10 ... 787
3.172.14 E660:0E FSoE Slave CRC_11 ... 788
3.172.15 E660:0F FSoE Slave CRC_12 ... 788
3.172.16 E660:10 FSoE Slave CRC_13 ... 788
3.173 E670:x FSOE Connection 8 Slave Frame Elements ... 789
3.173.1 E670:01 FSoE Slave Cmd ... 789
3.173.2 E670:02 FSoE Slave ConnID ... 789
3.173.3 E670:03 FSoE Slave CRC_0 ... 789
3.173.4 E670:04 FSoE Slave CRC_1 ... 790
3.173.5 E670:05 FSoE Slave CRC_2 ... 790
3.173.6 E670:06 FSoE Slave CRC_3 ... 790
3.173.7 E670:07 FSoE Slave CRC_4 ... 791
3.173.8 E670:08 FSoE Slave CRC_5 ... 791
3.173.9 E670:09 FSoE Slave CRC_6 ... 791
3.173.10 E670:0A FSoE Slave CRC_7 ... 791
3.173.11 E670:0B FSoE Slave CRC_8 ... 792
3.173.12 E670:0C FSoE Slave CRC_9 ... 792
3.173.13 E670:0D FSoE Slave CRC_10 ... 792
3.173.14 E670:0E FSoE Slave CRC_11 ... 793
3.173.15 E670:0F FSoE Slave CRC_12 ... 793
3.173.16 E670:10 FSoE Slave CRC_13 ... 793
3.174 E700:x FSOE Connection 1 Master Frame Elements ... 794
3.174.1 E700:01 FSoE Master Cmd ... 794

3.174.2 E700:02 FSoE Master ConnID ... 794
3.174.3 E700:03 FSoE Master CRC_0 ... 794
3.174.4 E700:04 FSoE Master CRC_1 ... 795
3.174.5 E700:05 FSoE Master CRC_2 ... 795
3.174.6 E700:06 FSoE Master CRC_3 ... 795
3.174.7 E700:07 FSoE Master CRC_4 ... 796
3.174.8 E700:08 FSoE Master CRC_5 ... 796
3.174.9 E700:09 FSoE Master CRC_6 ... 796
3.174.10 E700:0A FSoE Master CRC_7 ... 796
3.174.11 E700:0B FSoE Master CRC_8 ... 797
3.174.12 E700:0C FSoE Master CRC_9 ... 797
3.174.13 E700:0D FSoE Master CRC_10 ... 797
3.174.14 E700:0E FSoE Master CRC_11 ... 798
3.174.15 E700:0F FSoE Master CRC_12 ... 798
3.174.16 E700:10 FSoE Master CRC_13 ... 798
3.175 E710:x FSOE Connection 2 Master Frame Elements ... 799
3.175.1 E710:01 FSoE Master Cmd ... 799
3.175.2 E710:02 FSoE Master ConnID ... 799
3.175.3 E710:03 FSoE Master CRC_0 ... 799
3.175.4 E710:04 FSoE Master CRC_1 ... 800
3.175.5 E710:05 FSoE Master CRC_2 ... 800
3.175.6 E710:06 FSoE Master CRC_3 ... 800
3.175.7 E710:07 FSoE Master CRC_4 ... 801
3.175.8 E710:08 FSoE Master CRC_5 ... 801
3.175.9 E710:09 FSoE Master CRC_6 ... 801
3.175.10 E710:0A FSoE Master CRC_7 ... 801
3.175.11 E710:0B FSoE Master CRC_8 ... 802
3.175.12 E710:0C FSoE Master CRC_9 ... 802
3.175.13 E710:0D FSoE Master CRC_10 ... 802
3.175.14 E710:0E FSoE Master CRC_11 ... 803
3.175.15 E710:0F FSoE Master CRC_12 ... 803
3.175.16 E710:10 FSoE Master CRC_13 ... 803
3.176 E720:x FSOE Connection 3 Master Frame Elements ... 804
3.176.1 E720:01 FSoE Master Cmd ... 804
3.176.2 E720:02 FSoE Master ConnID ... 804
3.176.3 E720:03 FSoE Master CRC_0 ... 804

3.176.4 E720:04 FSoE Master CRC_1 ... 805
3.176.5 E720:05 FSoE Master CRC_2 ... 805
3.176.6 E720:06 FSoE Master CRC_3 ... 805
3.176.7 E720:07 FSoE Master CRC_4 ... 806
3.176.8 E720:08 FSoE Master CRC_5 ... 806
3.176.9 E720:09 FSoE Master CRC_6 ... 806
3.176.10 E720:0A FSoE Master CRC_7 ... 806
3.176.11 E720:0B FSoE Master CRC_8 ... 807
3.176.12 E720:0C FSoE Master CRC_9 ... 807
3.176.13 E720:0D FSoE Master CRC_10 ... 807
3.176.14 E720:0E FSoE Master CRC_11 ... 808
3.176.15 E720:0F FSoE Master CRC_12 ... 808
3.176.16 E720:10 FSoE Master CRC_13 ... 808
3.177 E730:x FSOE Connection 4 Master Frame Elements ... 809
3.177.1 E730:01 FSoE Master Cmd ... 809
3.177.2 E730:02 FSoE Master ConnID ... 809
3.177.3 E730:03 FSoE Master CRC_0 ... 809
3.177.4 E730:04 FSoE Master CRC_1 ... 810
3.177.5 E730:05 FSoE Master CRC_2 ... 810
3.177.6 E730:06 FSoE Master CRC_3 ... 810
3.177.7 E730:07 FSoE Master CRC_4 ... 811
3.177.8 E730:08 FSoE Master CRC_5 ... 811
3.177.9 E730:09 FSoE Master CRC_6 ... 811
3.177.10 E730:0A FSoE Master CRC_7 ... 811
3.177.11 E730:0B FSoE Master CRC_8 ... 812
3.177.12 E730:0C FSoE Master CRC_9 ... 812
3.177.13 E730:0D FSoE Master CRC_10 ... 812
3.177.14 E730:0E FSoE Master CRC_11 ... 813
3.177.15 E730:0F FSoE Master CRC_12 ... 813
3.177.16 E730:10 FSoE Master CRC_13 ... 813
3.178 E740:x FSOE Connection 5 Master Frame Elements ... 814
3.178.1 E740:01 FSoE Master Cmd ... 814
3.178.2 E740:02 FSoE Master ConnID ... 814
3.178.3 E740:03 FSoE Master CRC_0 ... 814
3.178.4 E740:04 FSoE Master CRC_1 ... 815
3.178.5 E740:05 FSoE Master CRC_2 ... 815

3.178.6 E740:06 FSoE Master CRC_3 ... 815
3.178.7 E740:07 FSoE Master CRC_4 ... 816
3.178.8 E740:08 FSoE Master CRC_5 ... 816
3.178.9 E740:09 FSoE Master CRC_6 ... 816
3.178.10 E740:0A FSoE Master CRC_7 ... 816
3.178.11 E740:0B FSoE Master CRC_8 ... 817
3.178.12 E740:0C FSoE Master CRC_9 ... 817
3.178.13 E740:0D FSoE Master CRC_10 ... 817
3.178.14 E740:0E FSoE Master CRC_11 ... 818
3.178.15 E740:0F FSoE Master CRC_12 ... 818
3.178.16 E740:10 FSoE Master CRC_13 ... 818
3.179 E750:x FSOE Connection 6 Master Frame Elements ... 819
3.179.1 E750:01 FSoE Master Cmd ... 819
3.179.2 E750:02 FSoE Master ConnID ... 819
3.179.3 E750:03 FSoE Master CRC_0 ... 819
3.179.4 E750:04 FSoE Master CRC_1 ... 820
3.179.5 E750:05 FSoE Master CRC_2 ... 820
3.179.6 E750:06 FSoE Master CRC_3 ... 820
3.179.7 E750:07 FSoE Master CRC_4 ... 821
3.179.8 E750:08 FSoE Master CRC_5 ... 821
3.179.9 E750:09 FSoE Master CRC_6 ... 821
3.179.10 E750:0A FSoE Master CRC_7 ... 821
3.179.11 E750:0B FSoE Master CRC_8 ... 822
3.179.12 E750:0C FSoE Master CRC_9 ... 822
3.179.13 E750:0D FSoE Master CRC_10 ... 822
3.179.14 E750:0E FSoE Master CRC_11 ... 823
3.179.15 E750:0F FSoE Master CRC_12 ... 823
3.179.16 E750:10 FSoE Master CRC_13 ... 823
3.180 E760:x FSOE Connection 7 Master Frame Elements ... 824
3.180.1 E760:01 FSoE Master Cmd ... 824
3.180.2 E760:02 FSoE Master ConnID ... 824
3.180.3 E760:03 FSoE Master CRC_0 ... 824
3.180.4 E760:04 FSoE Master CRC_1 ... 825
3.180.5 E760:05 FSoE Master CRC_2 ... 825
3.180.6 E760:06 FSoE Master CRC_3 ... 825
3.180.7 E760:07 FSoE Master CRC_4 ... 826

3.180.8 E760:08 FSoE Master CRC_5 ... 826
3.180.9 E760:09 FSoE Master CRC_6 ... 826
3.180.10 E760:0A FSoE Master CRC_7 ... 826
3.180.11 E760:0B FSoE Master CRC_8 ... 827
3.180.12 E760:0C FSoE Master CRC_9 ... 827
3.180.13 E760:0D FSoE Master CRC_10 ... 827
3.180.14 E760:0E FSoE Master CRC_11 ... 828
3.180.15 E760:0F FSoE Master CRC_12 ... 828
3.180.16 E760:10 FSoE Master CRC_13 ... 828
3.181 E770:x FSOE Connection 8 Master Frame Elements ... 829
3.181.1 E770:01 FSoE Master Cmd ... 829
3.181.2 E770:02 FSoE Master ConnID ... 829
3.181.3 E770:03 FSoE Master CRC_0 ... 829
3.181.4 E770:04 FSoE Master CRC_1 ... 830
3.181.5 E770:05 FSoE Master CRC_2 ... 830
3.181.6 E770:06 FSoE Master CRC_3 ... 830
3.181.7 E770:07 FSoE Master CRC_4 ... 831
3.181.8 E770:08 FSoE Master CRC_5 ... 831
3.181.9 E770:09 FSoE Master CRC_6 ... 831
3.181.10 E770:0A FSoE Master CRC_7 ... 831
3.181.11 E770:0B FSoE Master CRC_8 ... 832
3.181.12 E770:0C FSoE Master CRC_9 ... 832
3.181.13 E770:0D FSoE Master CRC_10 ... 832
3.181.14 E770:0E FSoE Master CRC_11 ... 833
3.181.15 E770:0F FSoE Master CRC_12 ... 833
3.181.16 E770:10 FSoE Master CRC_13 ... 833
3.182 E901:x FSOE Connection 1 Communication Parameter ... 834
3.182.1 E901:01 Version ... 834
3.182.2 E901:02 Safety Address ... 834
3.182.3 E901:03 Connection ID ... 834
3.182.4 E901:04 Watchdog Time ... 835
3.182.5 E901:05 Unique Device ID ... 835
3.182.6 E901:06 Connection Type ... 835
3.182.7 E901:07 Communication Parameter Length ... 836
3.182.8 E901:08 Application Parameter Length ... 836
3.183 E911:x FSOE Connection 2 Communication Parameter ... 837

3.183.1 E911:01 Version ... 837
3.183.2 E911:02 Safety Address ... 837
3.183.3 E911:03 Connection ID ... 837
3.183.4 E911:04 Watchdog Time ... 838
3.183.5 E911:05 Unique Device ID ... 838
3.183.6 E911:06 Connection Type ... 838
3.183.7 E911:07 Communication Parameter Length ... 839
3.183.8 E911:08 Application Parameter Length ... 839
3.184 E921:x FSOE Connection 3 Communication Parameter ... 840
3.184.1 E921:01 Version ... 840
3.184.2 E921:02 Safety Address ... 840
3.184.3 E921:03 Connection ID ... 840
3.184.4 E921:04 Watchdog Time ... 841
3.184.5 E921:05 Unique Device ID ... 841
3.184.6 E921:06 Connection Type ... 841
3.184.7 E921:07 Communication Parameter Length ... 842
3.184.8 E921:08 Application Parameter Length ... 842
3.185 E931:x FSOE Connection 4 Communication Parameter ... 843
3.185.1 E931:01 Version ... 843
3.185.2 E931:02 Safety Address ... 843
3.185.3 E931:03 Connection ID ... 843
3.185.4 E931:04 Watchdog Time ... 844
3.185.5 E931:05 Unique Device ID ... 844
3.185.6 E931:06 Connection Type ... 844
3.185.7 E931:07 Communication Parameter Length ... 845
3.185.8 E931:08 Application Parameter Length ... 845
3.186 E941:x FSOE Connection 5 Communication Parameter ... 846
3.186.1 E941:01 Version ... 846
3.186.2 E941:02 Safety Address ... 846
3.186.3 E941:03 Connection ID ... 846
3.186.4 E941:04 Watchdog Time ... 847
3.186.5 E941:05 Unique Device ID ... 847
3.186.6 E941:06 Connection Type ... 847
3.186.7 E941:07 Communication Parameter Length ... 848
3.186.8 E941:08 Application Parameter Length ... 848
3.187 E951:x FSOE Connection 6 Communication Parameter ... 849
3.187.1 E951:01 Version ... 849
3.187.2 E951:02 Safety Address ... 849
3.187.3 E951:03 Connection ID ... 849
3.187.4 E951:04 Watchdog Time ... 850
3.187.5 E951:05 Unique Device ID ... 850
3.187.6 E951:06 Connection Type ... 850
3.187.7 E951:07 Communication Parameter Length ... 851
3.187.8 E951:08 Application Parameter Length ... 851
3.188 E961:x FSOE Connection 7 Communication Parameter ... 852
3.188.1 E961:01 Version ... 852

3.188.2 E961:02 Safety Address ... 852
3.188.3 E961:03 Connection ID ... 852
3.188.4 E961:04 Watchdog Time ... 853
3.188.5 E961:05 Unique Device ID ... 853
3.188.6 E961:06 Connection Type ... 853
3.188.7 E961:07 Communication Parameter Length ... 854
3.188.8 E961:08 Application Parameter Length ... 854
3.189 E971:x FSOE Connection 8 Communication Parameter ... 855
3.189.1 E971:01 Version ... 855
3.189.2 E971:02 Safety Address ... 855
3.189.3 E971:03 Connection ID ... 855
3.189.4 E971:04 Watchdog Time ... 856
3.189.5 E971:05 Unique Device ID ... 856
3.189.6 E971:06 Connection Type ... 856
3.189.7 E971:07 Communication Parameter Length ... 857
3.189.8 E971:08 Application Parameter Length ... 857
3.190 F100:x FSLOGIC Status ... 858
3.190.1 F100:01 Safe Logic State ... 858
3.190.2 F100:02 Cycle Counter ... 858
3.190.3 F100:03 Number Of Groups In Work ... 858
3.190.4 F100:04 Number Of Connections In Work ... 859
3.190.5 F100:05 Cycle Start Difference ... 859
3.191 F180 Local Safety Inputs ... 860
3.192 F181 Local Safety Outputs ... 861
3.193 F188:x FB 1-255 State ... 862
3.193.1 F188:01 FB State ... 862
3.193.2 F188:02 FB State ... 862
3.193.3 F188:03 FB State ... 862
3.193.4 F188:04 FB State ... 863
3.193.5 F188:05 FB State ... 863
3.193.6 F188:06 FB State ... 863
3.193.7 F188:07 FB State ... 864
3.193.8 F188:08 FB State ... 864
3.193.9 F188:09 FB State ... 864
3.193.10 F188:0A FB State ... 864
3.193.11 F188:0B FB State ... 865
3.193.12 F188:0C FB State ... 865
3.193.13 F188:0D FB State ... 865
3.193.14 F188:0E FB State ... 866
3.193.15 F188:0F FB State ... 866
3.193.16 F188:10 FB State ... 866

3.193.1 F188:11 FB State 8667
3.193.1 F188:12 FB State 8678
3.193.1 F188:13 FB State 8679
3.193.2 F188:14 FB State 8670
3.193.2 F188:15 FB State 8681
3.193.2 F188:16 FB State 8682
3.193.2 F188:17 FB State 8683
3.193.2 F188:18 FB State 8684
3.193.2 F188:19 FB State 8695
3.193.2 F188:1A FB State 8696
3.193.2 F188:1B FB State 8697
3.193.2 F188:1C FB State 8708
3.193.2 F188:1D FB State 8709
3.193.3 F188:1E FB State 8700
3.193.3 F188:1F FB State 8701
3.193.3 F188:20 FB State 8712
3.193.3 F188:21 FB State 8713
3.193.3 F188:22 FB State 8714
3.193.3 F188:23 FB State 8725
3.193.3 F188:24 FB State 8726
3.193.3 F188:25 FB State 8727
3.193.3 F188:26 FB State 8728
3.193.3 F188:27 FB State 8739
3.193.4 F188:28 FB State 8730
3.193.4 F188:29 FB State 8731
3.193.4 F188:2A FB State 8742

3.193.4 F188:2B FB State ... 8743
3.193.4 F188:2C FB State ... 8744
3.193.4 F188:2D FB State ... 8745
3.193.4 F188:2E FB State ... 8756
3.193.4 F188:2F FB State ... 8757
3.193.4 F188:30 FB State ... 8758
3.193.4 F188:31 FB State ... 8769
3.193.5 F188:32 FB State ... 8760
3.193.5 F188:33 FB State ... 8761
3.193.5 F188:34 FB State ... 8762
3.193.5 F188:35 FB State ... 8773
3.193.5 F188:36 FB State ... 8774
3.193.5 F188:37 FB State ... 8775
3.193.5 F188:38 FB State ... 8786
3.193.5 F188:39 FB State ... 8787
3.193.5 F188:3A FB State ... 8788
3.193.5 F188:3B FB State ... 8789
3.193.6 F188:3C FB State ... 8790
3.193.6 F188:3D FB State ... 8791
3.193.6 F188:3E FB State ... 8792
3.193.6 F188:3F FB State ... 8803
3.193.6 F188:40 FB State ... 8804
3.193.6 F188:41 FB State ... 8805
3.193.6 F188:42 FB State ... 8806
3.193.6 F188:43 FB State ... 8817
3.193.6 F188:44 FB State ... 8818
3.193.6 F188:45 FB State ... 8819

3.193.7 F188:46 FB State 8820
3.193.7 F188:47 FB State 8821
3.193.7 F188:48 FB State 8822
3.193.7 F188:49 FB State 8823
3.193.7 F188:4A FB State 8834
3.193.7 F188:4B FB State 8835
3.193.7 F188:4C FB State 8836
3.193.7 F188:4D FB State 8847
3.193.7 F188:4E FB State 8848
3.193.7 F188:4F FB State 8849
3.193.8 F188:50 FB State 8840
3.193.8 F188:51 FB State 8851
3.193.8 F188:52 FB State 8852
3.193.8 F188:53 FB State 8853
3.193.8 F188:54 FB State 8864
3.193.8 F188:55 FB State 8865
3.193.8 F188:56 FB State 8866
3.193.8 F188:57 FB State 8867
3.193.8 F188:58 FB State 8878
3.193.8 F188:59 FB State 8879
3.193.9 F188:5A FB State 8870
3.193.9 F188:5B FB State 8881
3.193.9 F188:5C FB State 8882
3.193.9 F188:5D FB State 8883
3.193.9 F188:5E FB State 8884
3.193.9 F188:5F FB State 8895

3.193.9 F188:60 FB State 889
6
3.193.9 F188:61 FB State 889
7
3.193.9 F188:62 FB State 890
8
3.193.9 F188:63 FB State 890
9
3.193.1 F188:64 FB State 890
00
3.193.1 F188:65 FB State 890
01
3.193.1 F188:66 FB State 891
02
3.193.1 F188:67 FB State 891
03
3.193.1 F188:68 FB State 891
04
3.193.1 F188:69 FB State 892
05
3.193.1 F188:6A FB State 892
06
3.193.1 F188:6B FB State 892
07
3.193.1 F188:6C FB State 892
08
3.193.1 F188:6D FB State 893
09
3.193.1 F188:6E FB State 893
10
3.193.1 F188:6F FB State 893
11
3.193.1 F188:70 FB State 894
12
3.193.1 F188:71 FB State 894
13
3.193.1 F188:72 FB State 894
14
3.193.1 F188:73 FB State 894
15
3.193.1 F188:74 FB State 895
16
3.193.1 F188:75 FB State 895
17
3.193.1 F188:76 FB State 895
18
3.193.1 F188:77 FB State 896
19
3.193.1 F188:78 FB State 896
20
3.193.1 F188:79 FB State 896
21
3.193.1 F188:7A FB State 896
22

3.193.1 F188:7B FB State 897
23
3.193.1 F188:7C FB State 897
24
3.193.1 F188:7D FB State 897
25
3.193.1 F188:7E FB State 898
26
3.193.1 F188:7F FB State 898
27
3.193.1 F188:80 FB State 898
28
3.193.1 F188:81 FB State 898
29
3.193.1 F188:82 FB State 899
30
3.193.1 F188:83 FB State 899
31
3.193.1 F188:84 FB State 899
32
3.193.1 F188:85 FB State 900
33
3.193.1 F188:86 FB State 900
34
3.193.1 F188:87 FB State 900
35
3.193.1 F188:88 FB State 900
36
3.193.1 F188:89 FB State 901
37
3.193.1 F188:8A FB State 901
38
3.193.1 F188:8B FB State 901
39
3.193.1 F188:8C FB State 902
40
3.193.1 F188:8D FB State 902
41
3.193.1 F188:8E FB State 902
42
3.193.1 F188:8F FB State 902
43
3.193.1 F188:90 FB State 903
44
3.193.1 F188:91 FB State 903
45
3.193.1 F188:92 FB State 903
46
3.193.1 F188:93 FB State 904
47
3.193.1 F188:94 FB State 904
48

3.193.1 F188:95 FB State 904
49
3.193.1 F188:96 FB State 904
50
3.193.1 F188:97 FB State 905
51
3.193.1 F188:98 FB State 905
52
3.193.1 F188:99 FB State 905
53
3.193.1 F188:9A FB State 906
54
3.193.1 F188:9B FB State 906
55
3.193.1 F188:9C FB State 906
56
3.193.1 F188:9D FB State 906
57
3.193.1 F188:9E FB State 907
58
3.193.1 F188:9F FB State 907
59
3.193.1 F188:A0 FB State 907
60
3.193.1 F188:A1 FB State 908
61
3.193.1 F188:A2 FB State 908
62
3.193.1 F188:A3 FB State 908
63
3.193.1 F188:A4 FB State 908
64
3.193.1 F188:A5 FB State 909
65
3.193.1 F188:A6 FB State 909
66
3.193.1 F188:A7 FB State 909
67
3.193.1 F188:A8 FB State 910
68
3.193.1 F188:A9 FB State 910
69
3.193.1 F188:AA FB State 910
70
3.193.1 F188:AB FB State 910
71
3.193.1 F188:AC FB State 911
72
3.193.1 F188:AD FB State 911
73
3.193.1 F188:AE FB State 911
74
3.193.1 F188:AF FB State 912
75

3.193.1 F188:B0 FB State 912
76
3.193.1 F188:B1 FB State 912
77
3.193.1 F188:B2 FB State 912
78
3.193.1 F188:B3 FB State 913
79
3.193.1 F188:B4 FB State 913
80
3.193.1 F188:B5 FB State 913
81
3.193.1 F188:B6 FB State 914
82
3.193.1 F188:B7 FB State 914
83
3.193.1 F188:B8 FB State 914
84
3.193.1 F188:B9 FB State 914
85
3.193.1 F188:BA FB State 915
86
3.193.1 F188:BB FB State 915
87
3.193.1 F188:BC FB State 915
88
3.193.1 F188:BD FB State 916
89
3.193.1 F188:BE FB State 916
90
3.193.1 F188:BF FB State 916
91
3.193.1 F188:C0 FB State 916
92
3.193.1 F188:C1 FB State 917
93
3.193.1 F188:C2 FB State 917
94
3.193.1 F188:C3 FB State 917
95
3.193.1 F188:C4 FB State 918
96
3.193.1 F188:C5 FB State 918
97
3.193.1 F188:C6 FB State 918
98
3.193.1 F188:C7 FB State 918
99
3.193.2 F188:C8 FB State 919
00
3.193.2 F188:C9 FB State 919
01

3.193.2 F188:CA FB State 919
02
3.193.2 F188:CB FB State 920
03
3.193.2 F188:CC FB State 920
04
3.193.2 F188:CD FB State 920
05
3.193.2 F188:CE FB State 920
06
3.193.2 F188:CF FB State 921
07
3.193.2 F188:D0 FB State 921
08
3.193.2 F188:D1 FB State 921
09
3.193.2 F188:D2 FB State 922
10
3.193.2 F188:D3 FB State 922
11
3.193.2 F188:D4 FB State 922
12
3.193.2 F188:D5 FB State 922
13
3.193.2 F188:D6 FB State 923
14
3.193.2 F188:D7 FB State 923
15
3.193.2 F188:D8 FB State 923
16
3.193.2 F188:D9 FB State 924
17
3.193.2 F188:DA FB State 924
18
3.193.2 F188:DB FB State 924
19
3.193.2 F188:DC FB State 924
20
3.193.2 F188:DD FB State 925
21
3.193.2 F188:DE FB State 925
22
3.193.2 F188:DF FB State 925
23
3.193.2 F188:E0 FB State 926
24
3.193.2 F188:E1 FB State 926
25
3.193.2 F188:E2 FB State 926
26
3.193.2 F188:E3 FB State 926
27
3.193.2 F188:E4 FB State 927
28

3.193.2 F188:E5 FB State 927
29
3.193.2 F188:E6 FB State 927
30
3.193.2 F188:E7 FB State 928
31
3.193.2 F188:E8 FB State 928
32
3.193.2 F188:E9 FB State 928
33
3.193.2 F188:EA FB State 928
34
3.193.2 F188:EB FB State 929
35
3.193.2 F188:EC FB State 929
36
3.193.2 F188:ED FB State 929
37
3.193.2 F188:EE FB State 930
38
3.193.2 F188:EF FB State 930
39
3.193.2 F188:F0 FB State 930
40
3.193.2 F188:F1 FB State 930
41
3.193.2 F188:F2 FB State 931
42
3.193.2 F188:F3 FB State 931
43
3.193.2 F188:F4 FB State 931
44
3.193.2 F188:F5 FB State 932
45
3.193.2 F188:F6 FB State 932
46
3.193.2 F188:F7 FB State 932
47
3.193.2 F188:F8 FB State 932
48
3.193.2 F188:F9 FB State 933
49
3.193.2 F188:FA FB State 933
50
3.193.2 F188:FB FB State 933
51
3.193.2 F188:FC FB State 934
52
3.193.2 F188:FD FB State 934
53
3.193.2 F188:FE FB State 934
54

3.193.2 F188:FF FB State ... 93455
3.194 F189:x FB 256-510 State ... 936
3.194.1 F189:01 FB State ... 936
3.194.2 F189:02 FB State ... 936
3.194.3 F189:03 FB State ... 936
3.194.4 F189:04 FB State ... 937
3.194.5 F189:05 FB State ... 937
3.194.6 F189:06 FB State ... 937
3.194.7 F189:07 FB State ... 938
3.194.8 F189:08 FB State ... 938
3.194.9 F189:09 FB State ... 938
3.194.10 F189:0A FB State ... 938
3.194.11 F189:0B FB State ... 939
3.194.12 F189:0C FB State ... 939
3.194.13 F189:0D FB State ... 939
3.194.14 F189:0E FB State ... 940
3.194.15 F189:0F FB State ... 940
3.194.16 F189:10 FB State ... 940
3.194.17 F189:11 FB State ... 940
3.194.18 F189:12 FB State ... 941
3.194.19 F189:13 FB State ... 941
3.194.20 F189:14 FB State ... 941
3.194.21 F189:15 FB State ... 942
3.194.22 F189:16 FB State ... 942
3.194.23 F189:17 FB State ... 942
3.194.24 F189:18 FB State ... 942
3.194.25 F189:19 FB State ... 943
3.194.26 F189:1A FB State ... 943
3.194.27 F189:1B FB State ... 943
3.194.28 F189:1C FB State ... 944
3.194.29 F189:1D FB State ... 944

3.194.3 F189:1E FB State ... 9440
3.194.3 F189:1F FB State ... 9441
3.194.3 F189:20 FB State ... 9452
3.194.3 F189:21 FB State ... 9453
3.194.3 F189:22 FB State ... 9454
3.194.3 F189:23 FB State ... 9465
3.194.3 F189:24 FB State ... 9466
3.194.3 F189:25 FB State ... 9467
3.194.3 F189:26 FB State ... 9468
3.194.3 F189:27 FB State ... 9479
3.194.4 F189:28 FB State ... 9470
3.194.4 F189:29 FB State ... 9471
3.194.4 F189:2A FB State ... 9482
3.194.4 F189:2B FB State ... 9483
3.194.4 F189:2C FB State ... 9484
3.194.4 F189:2D FB State ... 9485
3.194.4 F189:2E FB State ... 9496
3.194.4 F189:2F FB State ... 9497
3.194.4 F189:30 FB State ... 9498
3.194.4 F189:31 FB State ... 9509
3.194.5 F189:32 FB State ... 9500
3.194.5 F189:33 FB State ... 9501
3.194.5 F189:34 FB State ... 9502
3.194.5 F189:35 FB State ... 9513
3.194.5 F189:36 FB State ... 9514
3.194.5 F189:37 FB State ... 9515

3.194.5 F189:38 FB State 952
6
3.194.5 F189:39 FB State 952
7
3.194.5 F189:3A FB State 952
8
3.194.5 F189:3B FB State 952
9
3.194.6 F189:3C FB State 953
0
3.194.6 F189:3D FB State 953
1
3.194.6 F189:3E FB State 953
2
3.194.6 F189:3F FB State 954
3
3.194.6 F189:40 FB State 954
4
3.194.6 F189:41 FB State 954
5
3.194.6 F189:42 FB State 954
6
3.194.6 F189:43 FB State 955
7
3.194.6 F189:44 FB State 955
8
3.194.6 F189:45 FB State 955
9
3.194.7 F189:46 FB State 956
0
3.194.7 F189:47 FB State 956
1
3.194.7 F189:48 FB State 956
2
3.194.7 F189:49 FB State 956
3
3.194.7 F189:4A FB State 957
4
3.194.7 F189:4B FB State 957
5
3.194.7 F189:4C FB State 957
6
3.194.7 F189:4D FB State 958
7
3.194.7 F189:4E FB State 958
8
3.194.7 F189:4F FB State 958
9
3.194.8 F189:50 FB State 958
0
3.194.8 F189:51 FB State 959
1
3.194.8 F189:52 FB State 959
2

3.194.8 F189:53 FB State 9593
3.194.8 F189:54 FB State 9604
3.194.8 F189:55 FB State 9605
3.194.8 F189:56 FB State 9606
3.194.8 F189:57 FB State 9607
3.194.8 F189:58 FB State 9618
3.194.8 F189:59 FB State 9619
3.194.9 F189:5A FB State 9610
3.194.9 F189:5B FB State 9621
3.194.9 F189:5C FB State 9622
3.194.9 F189:5D FB State 9623
3.194.9 F189:5E FB State 9624
3.194.9 F189:5F FB State 9635
3.194.9 F189:60 FB State 9636
3.194.9 F189:61 FB State 9637
3.194.9 F189:62 FB State 9648
3.194.9 F189:63 FB State 9649
3.194.1 F189:64 FB State 96400
3.194.1 F189:65 FB State 96401
3.194.1 F189:66 FB State 96502
3.194.1 F189:67 FB State 96503
3.194.1 F189:68 FB State 96504
3.194.1 F189:69 FB State 96605
3.194.1 F189:6A FB State 96606
3.194.1 F189:6B FB State 96607
3.194.1 F189:6C FB State 96608

3.194.1 F189:6D FB State 967
09
3.194.1 F189:6E FB State 967
10
3.194.1 F189:6F FB State 967
11
3.194.1 F189:70 FB State 968
12
3.194.1 F189:71 FB State 968
13
3.194.1 F189:72 FB State 968
14
3.194.1 F189:73 FB State 968
15
3.194.1 F189:74 FB State 969
16
3.194.1 F189:75 FB State 969
17
3.194.1 F189:76 FB State 969
18
3.194.1 F189:77 FB State 970
19
3.194.1 F189:78 FB State 970
20
3.194.1 F189:79 FB State 970
21
3.194.1 F189:7A FB State 970
22
3.194.1 F189:7B FB State 971
23
3.194.1 F189:7C FB State 971
24
3.194.1 F189:7D FB State 971
25
3.194.1 F189:7E FB State 972
26
3.194.1 F189:7F FB State 972
27
3.194.1 F189:80 FB State 972
28
3.194.1 F189:81 FB State 972
29
3.194.1 F189:82 FB State 973
30
3.194.1 F189:83 FB State 973
31
3.194.1 F189:84 FB State 973
32
3.194.1 F189:85 FB State 974
33
3.194.1 F189:86 FB State 974
34
3.194.1 F189:87 FB State 974
35

3.194.1 F189:88 FB State 974
36
3.194.1 F189:89 FB State 975
37
3.194.1 F189:8A FB State 975
38
3.194.1 F189:8B FB State 975
39
3.194.1 F189:8C FB State 976
40
3.194.1 F189:8D FB State 976
41
3.194.1 F189:8E FB State 976
42
3.194.1 F189:8F FB State 976
43
3.194.1 F189:90 FB State 977
44
3.194.1 F189:91 FB State 977
45
3.194.1 F189:92 FB State 977
46
3.194.1 F189:93 FB State 978
47
3.194.1 F189:94 FB State 978
48
3.194.1 F189:95 FB State 978
49
3.194.1 F189:96 FB State 978
50
3.194.1 F189:97 FB State 979
51
3.194.1 F189:98 FB State 979
52
3.194.1 F189:99 FB State 979
53
3.194.1 F189:9A FB State 980
54
3.194.1 F189:9B FB State 980
55
3.194.1 F189:9C FB State 980
56
3.194.1 F189:9D FB State 980
57
3.194.1 F189:9E FB State 981
58
3.194.1 F189:9F FB State 981
59
3.194.1 F189:A0 FB State 981
60
3.194.1 F189:A1 FB State 982
61

3.194.1 F189:A2 FB State 982
62
3.194.1 F189:A3 FB State 982
63
3.194.1 F189:A4 FB State 982
64
3.194.1 F189:A5 FB State 983
65
3.194.1 F189:A6 FB State 983
66
3.194.1 F189:A7 FB State 983
67
3.194.1 F189:A8 FB State 984
68
3.194.1 F189:A9 FB State 984
69
3.194.1 F189:AA FB State 984
70
3.194.1 F189:AB FB State 984
71
3.194.1 F189:AC FB State 985
72
3.194.1 F189:AD FB State 985
73
3.194.1 F189:AE FB State 985
74
3.194.1 F189:AF FB State 986
75
3.194.1 F189:B0 FB State 986
76
3.194.1 F189:B1 FB State 986
77
3.194.1 F189:B2 FB State 986
78
3.194.1 F189:B3 FB State 987
79
3.194.1 F189:B4 FB State 987
80
3.194.1 F189:B5 FB State 987
81
3.194.1 F189:B6 FB State 988
82
3.194.1 F189:B7 FB State 988
83
3.194.1 F189:B8 FB State 988
84
3.194.1 F189:B9 FB State 988
85
3.194.1 F189:BA FB State 989
86
3.194.1 F189:BB FB State 989
87
3.194.1 F189:BC FB State 989
88

3.194.1 F189:BD FB State 99089
3.194.1 F189:BE FB State 99090
3.194.1 F189:BF FB State 99091
3.194.1 F189:C0 FB State 99092
3.194.1 F189:C1 FB State 99193
3.194.1 F189:C2 FB State 99194
3.194.1 F189:C3 FB State 99195
3.194.1 F189:C4 FB State 99296
3.194.1 F189:C5 FB State 99297
3.194.1 F189:C6 FB State 99298
3.194.1 F189:C7 FB State 99299
3.194.2 F189:C8 FB State 99300
3.194.2 F189:C9 FB State 99301
3.194.2 F189:CA FB State 99302
3.194.2 F189:CB FB State 99403
3.194.2 F189:CC FB State 99404
3.194.2 F189:CD FB State 99405
3.194.2 F189:CE FB State 99406
3.194.2 F189:CF FB State 99507
3.194.2 F189:D0 FB State 99508
3.194.2 F189:D1 FB State 99509
3.194.2 F189:D2 FB State 99610
3.194.2 F189:D3 FB State 99611
3.194.2 F189:D4 FB State 99612
3.194.2 F189:D5 FB State 99613
3.194.2 F189:D6 FB State 99714

3.194.2 F189:D7 FB State 997
15
3.194.2 F189:D8 FB State 997
16
3.194.2 F189:D9 FB State 998
17
3.194.2 F189:DA FB State 998
18
3.194.2 F189:DB FB State 998
19
3.194.2 F189:DC FB State 998
20
3.194.2 F189:DD FB State 999
21
3.194.2 F189:DE FB State 999
22
3.194.2 F189:DF FB State 999
23
3.194.2 F189:E0 FB State 1000
24
3.194.2 F189:E1 FB State 1000
25
3.194.2 F189:E2 FB State 1000
26
3.194.2 F189:E3 FB State 1000
27
3.194.2 F189:E4 FB State 1001
28
3.194.2 F189:E5 FB State 1001
29
3.194.2 F189:E6 FB State 1001
30
3.194.2 F189:E7 FB State 1002
31
3.194.2 F189:E8 FB State 1002
32
3.194.2 F189:E9 FB State 1002
33
3.194.2 F189:EA FB State 1002
34
3.194.2 F189:EB FB State 1003
35
3.194.2 F189:EC FB State 1003
36
3.194.2 F189:ED FB State 1003
37
3.194.2 F189:EE FB State 1004
38
3.194.2 F189:EF FB State 1004
39
3.194.2 F189:F0 FB State 1004
40
3.194.2 F189:F1 FB State 1004
41

3.194.2 F189:F2 FB State 1005
42
3.194.2 F189:F3 FB State 1005
43
3.194.2 F189:F4 FB State 1005
44
3.194.2 F189:F5 FB State 1006
45
3.194.2 F189:F6 FB State 1006
46
3.194.2 F189:F7 FB State 1006
47
3.194.2 F189:F8 FB State 1006
48
3.194.2 F189:F9 FB State 1007
49
3.194.2 F189:FA FB State 1007
50
3.194.2 F189:FB FB State 1007
51
3.194.2 F189:FC FB State 1008
52
3.194.2 F189:FD FB State 1008
53
3.194.2 F189:FE FB State 1008
54
3.194.2 F189:FF FB State 1008
55
3.195 F18A:x FB 511-512 State 1010
3.195.1 F18A:01 FB State 1010
3.195.2 F18A:02 FB State 1010
3.195.3 F18A:03 FB State 1010
3.195.4 F18A:04 FB State 1011
3.195.5 F18A:05 FB State 1011
3.195.6 F18A:06 FB State 1011
3.195.7 F18A:07 FB State 1012
3.195.8 F18A:08 FB State 1012
3.195.9 F18A:09 FB State 1012
3.195.1 F18A:0A FB State 1012
0
3.195.1 F18A:0B FB State 1013
1
3.195.1 F18A:0C FB State 1013
2
3.195.1 F18A:0D FB State 1013
3
3.195.1 F18A:0E FB State 1014
4
3.195.1 F18A:0F FB State 1014
5
3.195.1 F18A:10 FB State 1014
6

3.195.1 F18A:11 FB State 1014
7
3.195.1 F18A:12 FB State 1015
8
3.195.1 F18A:13 FB State 1015
9
3.195.2 F18A:14 FB State 1015
0
3.195.2 F18A:15 FB State 1016
1
3.195.2 F18A:16 FB State 1016
2
3.195.2 F18A:17 FB State 1016
3
3.195.2 F18A:18 FB State 1016
4
3.195.2 F18A:19 FB State 1017
5
3.195.2 F18A:1A FB State 1017
6
3.195.2 F18A:1B FB State 1017
7
3.195.2 F18A:1C FB State 1018
8
3.195.2 F18A:1D FB State 1018
9
3.195.3 F18A:1E FB State 1018
0
3.195.3 F18A:1F FB State 1018
1
3.195.3 F18A:20 FB State 1019
2
3.195.3 F18A:21 FB State 1019
3
3.195.3 F18A:22 FB State 1019
4
3.195.3 F18A:23 FB State 1020
5
3.195.3 F18A:24 FB State 1020
6
3.195.3 F18A:25 FB State 1020
7
3.195.3 F18A:26 FB State 1020
8
3.195.3 F18A:27 FB State 1021
9
3.195.4 F18A:28 FB State 1021
0
3.195.4 F18A:29 FB State 1021
1
3.195.4 F18A:2A FB State 1022
2
3.195.4 F18A:2B FB State 1022
3

3.195.4 F18A:2C FB State 1022
4
3.195.4 F18A:2D FB State 1022
5
3.195.4 F18A:2E FB State 1023
6
3.195.4 F18A:2F FB State 1023
7
3.195.4 F18A:30 FB State 1023
8
3.195.4 F18A:31 FB State 1024
9
3.195.5 F18A:32 FB State 1024
0
3.195.5 F18A:33 FB State 1024
1
3.195.5 F18A:34 FB State 1024
2
3.195.5 F18A:35 FB State 1025
3
3.195.5 F18A:36 FB State 1025
4
3.195.5 F18A:37 FB State 1025
5
3.195.5 F18A:38 FB State 1026
6
3.195.5 F18A:39 FB State 1026
7
3.195.5 F18A:3A FB State 1026
8
3.195.5 F18A:3B FB State 1026
9
3.195.6 F18A:3C FB State 1027
0
3.195.6 F18A:3D FB State 1027
1
3.195.6 F18A:3E FB State 1027
2
3.195.6 F18A:3F FB State 1028
3
3.195.6 F18A:40 FB State 1028
4
3.195.6 F18A:41 FB State 1028
5
3.195.6 F18A:42 FB State 1028
6
3.195.6 F18A:43 FB State 1029
7
3.195.6 F18A:44 FB State 1029
8
3.195.6 F18A:45 FB State 1029
9

3.195.7 F18A:46 FB State 1030
3.195.7 F18A:47 FB State 1030
3.195.7 F18A:48 FB State 1030
3.195.7 F18A:49 FB State 1030
3.195.7 F18A:4A FB State 1031
3.195.7 F18A:4B FB State 1031
3.195.7 F18A:4C FB State 1031
3.195.7 F18A:4D FB State 1032
3.195.7 F18A:4E FB State 1032
3.195.7 F18A:4F FB State 1032
3.195.8 F18A:50 FB State 1032
3.195.8 F18A:51 FB State 1033
3.195.8 F18A:52 FB State 1033
3.195.8 F18A:53 FB State 1033
3.195.8 F18A:54 FB State 1034
3.195.8 F18A:55 FB State 1034
3.195.8 F18A:56 FB State 1034
3.195.8 F18A:57 FB State 1034
3.195.8 F18A:58 FB State 1035
3.195.8 F18A:59 FB State 1035
3.195.9 F18A:5A FB State 1035
3.195.9 F18A:5B FB State 1036
3.195.9 F18A:5C FB State 1036
3.195.9 F18A:5D FB State 1036
3.195.9 F18A:5E FB State 1036
3.195.9 F18A:5F FB State 1037
3.195.9 F18A:60 FB State 1037

3.195.9 F18A:61 FB State 1037
7
3.195.9 F18A:62 FB State 1038
8
3.195.9 F18A:63 FB State 1038
9
3.195.1 F18A:64 FB State 1038
00
3.195.1 F18A:65 FB State 1038
01
3.195.1 F18A:66 FB State 1039
02
3.195.1 F18A:67 FB State 1039
03
3.195.1 F18A:68 FB State 1039
04
3.195.1 F18A:69 FB State 1040
05
3.195.1 F18A:6A FB State 1040
06
3.195.1 F18A:6B FB State 1040
07
3.195.1 F18A:6C FB State 1040
08
3.195.1 F18A:6D FB State 1041
09
3.195.1 F18A:6E FB State 1041
10
3.195.1 F18A:6F FB State 1041
11
3.195.1 F18A:70 FB State 1042
12
3.195.1 F18A:71 FB State 1042
13
3.195.1 F18A:72 FB State 1042
14
3.195.1 F18A:73 FB State 1042
15
3.195.1 F18A:74 FB State 1043
16
3.195.1 F18A:75 FB State 1043
17
3.195.1 F18A:76 FB State 1043
18
3.195.1 F18A:77 FB State 1044
19
3.195.1 F18A:78 FB State 1044
20
3.195.1 F18A:79 FB State 1044
21
3.195.1 F18A:7A FB State 1044
22

3.195.1 F18A:7B FB State 1045
23
3.195.1 F18A:7C FB State 1045
24
3.195.1 F18A:7D FB State 1045
25
3.195.1 F18A:7E FB State 1046
26
3.195.1 F18A:7F FB State 1046
27
3.195.1 F18A:80 FB State 1046
28
3.195.1 F18A:81 FB State 1046
29
3.195.1 F18A:82 FB State 1047
30
3.195.1 F18A:83 FB State 1047
31
3.195.1 F18A:84 FB State 1047
32
3.195.1 F18A:85 FB State 1048
33
3.195.1 F18A:86 FB State 1048
34
3.195.1 F18A:87 FB State 1048
35
3.195.1 F18A:88 FB State 1048
36
3.195.1 F18A:89 FB State 1049
37
3.195.1 F18A:8A FB State 1049
38
3.195.1 F18A:8B FB State 1049
39
3.195.1 F18A:8C FB State 1050
40
3.195.1 F18A:8D FB State 1050
41
3.195.1 F18A:8E FB State 1050
42
3.195.1 F18A:8F FB State 1050
43
3.195.1 F18A:90 FB State 1051
44
3.195.1 F18A:91 FB State 1051
45
3.195.1 F18A:92 FB State 1051
46
3.195.1 F18A:93 FB State 1052
47
3.195.1 F18A:94 FB State 1052
48
3.195.1 F18A:95 FB State 1052
49

3.195.1 F18A:96 FB State 1052
50
3.195.1 F18A:97 FB State 1053
51
3.195.1 F18A:98 FB State 1053
52
3.195.1 F18A:99 FB State 1053
53
3.195.1 F18A:9A FB State 1054
54
3.195.1 F18A:9B FB State 1054
55
3.195.1 F18A:9C FB State 1054
56
3.195.1 F18A:9D FB State 1054
57
3.195.1 F18A:9E FB State 1055
58
3.195.1 F18A:9F FB State 1055
59
3.195.1 F18A:A0 FB State 1055
60
3.195.1 F18A:A1 FB State 1056
61
3.195.1 F18A:A2 FB State 1056
62
3.195.1 F18A:A3 FB State 1056
63
3.195.1 F18A:A4 FB State 1056
64
3.195.1 F18A:A5 FB State 1057
65
3.195.1 F18A:A6 FB State 1057
66
3.195.1 F18A:A7 FB State 1057
67
3.195.1 F18A:A8 FB State 1058
68
3.195.1 F18A:A9 FB State 1058
69
3.195.1 F18A:AA FB State 1058
70
3.195.1 F18A:AB FB State 1058
71
3.195.1 F18A:AC FB State 1059
72
3.195.1 F18A:AD FB State 1059
73
3.195.1 F18A:AE FB State 1059
74
3.195.1 F18A:AF FB State 1060
75

3.195.1 F18A:B0 FB State 1060
76
3.195.1 F18A:B1 FB State 1060
77
3.195.1 F18A:B2 FB State 1060
78
3.195.1 F18A:B3 FB State 1061
79
3.195.1 F18A:B4 FB State 1061
80
3.195.1 F18A:B5 FB State 1061
81
3.195.1 F18A:B6 FB State 1062
82
3.195.1 F18A:B7 FB State 1062
83
3.195.1 F18A:B8 FB State 1062
84
3.195.1 F18A:B9 FB State 1062
85
3.195.1 F18A:BA FB State 1063
86
3.195.1 F18A:BB FB State 1063
87
3.195.1 F18A:BC FB State 1063
88
3.195.1 F18A:BD FB State 1064
89
3.195.1 F18A:BE FB State 1064
90
3.195.1 F18A:BF FB State 1064
91
3.195.1 F18A:C0 FB State 1064
92
3.195.1 F18A:C1 FB State 1065
93
3.195.1 F18A:C2 FB State 1065
94
3.195.1 F18A:C3 FB State 1065
95
3.195.1 F18A:C4 FB State 1066
96
3.195.1 F18A:C5 FB State 1066
97
3.195.1 F18A:C6 FB State 1066
98
3.195.1 F18A:C7 FB State 1066
99
3.195.2 F18A:C8 FB State 1067
00
3.195.2 F18A:C9 FB State 1067
01
3.195.2 F18A:CA FB State 1067
02

3.195.2 F18A:CB FB State 1068
03
3.195.2 F18A:CC FB State 1068
04
3.195.2 F18A:CD FB State 1068
05
3.195.2 F18A:CE FB State 1068
06
3.195.2 F18A:CF FB State 1069
07
3.195.2 F18A:D0 FB State 1069
08
3.195.2 F18A:D1 FB State 1069
09
3.195.2 F18A:D2 FB State 1070
10
3.195.2 F18A:D3 FB State 1070
11
3.195.2 F18A:D4 FB State 1070
12
3.195.2 F18A:D5 FB State 1070
13
3.195.2 F18A:D6 FB State 1071
14
3.195.2 F18A:D7 FB State 1071
15
3.195.2 F18A:D8 FB State 1071
16
3.195.2 F18A:D9 FB State 1072
17
3.195.2 F18A:DA FB State 1072
18
3.195.2 F18A:DB FB State 1072
19
3.195.2 F18A:DC FB State 1072
20
3.195.2 F18A:DD FB State 1073
21
3.195.2 F18A:DE FB State 1073
22
3.195.2 F18A:DF FB State 1073
23
3.195.2 F18A:E0 FB State 1074
24
3.195.2 F18A:E1 FB State 1074
25
3.195.2 F18A:E2 FB State 1074
26
3.195.2 F18A:E3 FB State 1074
27
3.195.2 F18A:E4 FB State 1075
28

3.195.2 F18A:E5 FB State 1075
29
3.195.2 F18A:E6 FB State 1075
30
3.195.2 F18A:E7 FB State 1076
31
3.195.2 F18A:E8 FB State 1076
32
3.195.2 F18A:E9 FB State 1076
33
3.195.2 F18A:EA FB State 1076
34
3.195.2 F18A:EB FB State 1077
35
3.195.2 F18A:EC FB State 1077
36
3.195.2 F18A:ED FB State 1077
37
3.195.2 F18A:EE FB State 1078
38
3.195.2 F18A:EF FB State 1078
39
3.195.2 F18A:F0 FB State 1078
40
3.195.2 F18A:F1 FB State 1078
41
3.195.2 F18A:F2 FB State 1079
42
3.195.2 F18A:F3 FB State 1079
43
3.195.2 F18A:F4 FB State 1079
44
3.195.2 F18A:F5 FB State 1080
45
3.195.2 F18A:F6 FB State 1080
46
3.195.2 F18A:F7 FB State 1080
47
3.195.2 F18A:F8 FB State 1080
48
3.195.2 F18A:F9 FB State 1081
49
3.195.2 F18A:FA FB State 1081
50
3.195.2 F18A:FB FB State 1081
51
3.195.2 F18A:FC FB State 1082
52
3.195.2 F18A:FD FB State 1082
53
3.195.2 F18A:FE FB State 1082
54
3.195.2 F18A:FF FB State 1082
55

3.196 F18C:x FB 1-255 Diag 1084
3.196.1 F18C:01 FB Diag 1084
3.196.2 F18C:02 FB Diag 1084
3.196.3 F18C:03 FB Diag 1084
3.196.4 F18C:04 FB Diag 1085
3.196.5 F18C:05 FB Diag 1085
3.196.6 F18C:06 FB Diag 1085
3.196.7 F18C:07 FB Diag 1086
3.196.8 F18C:08 FB Diag 1086
3.196.9 F18C:09 FB Diag 1086
3.196.10 F18C:0A FB Diag 1086
3.196.11 F18C:0B FB Diag 1087
3.196.12 F18C:0C FB Diag 1087
3.196.13 F18C:0D FB Diag 1087
3.196.14 F18C:0E FB Diag 1088
3.196.15 F18C:0F FB Diag 1088
3.196.16 F18C:10 FB Diag 1088
3.196.17 F18C:11 FB Diag 1088
3.196.18 F18C:12 FB Diag 1089
3.196.19 F18C:13 FB Diag 1089
3.196.20 F18C:14 FB Diag 1089
3.196.21 F18C:15 FB Diag 1090
3.196.22 F18C:16 FB Diag 1090
3.196.23 F18C:17 FB Diag 1090
3.196.24 F18C:18 FB Diag 1090
3.196.25 F18C:19 FB Diag 1091
3.196.26 F18C:1A FB Diag 1091
3.196.27 F18C:1B FB Diag 1091
3.196.28 F18C:1C FB Diag 1092
3.196.29 F18C:1D FB Diag 1092
3.196.30 F18C:1E FB Diag 1092

3.196.3 F18C:1F FB Diag 10921
3.196.3 F18C:20 FB Diag 10932
3.196.3 F18C:21 FB Diag 10933
3.196.3 F18C:22 FB Diag 10934
3.196.3 F18C:23 FB Diag 10945
3.196.3 F18C:24 FB Diag 10946
3.196.3 F18C:25 FB Diag 10947
3.196.3 F18C:26 FB Diag 10948
3.196.3 F18C:27 FB Diag 10959
3.196.4 F18C:28 FB Diag 10950
3.196.4 F18C:29 FB Diag 10951
3.196.4 F18C:2A FB Diag 10962
3.196.4 F18C:2B FB Diag 10963
3.196.4 F18C:2C FB Diag 10964
3.196.4 F18C:2D FB Diag 10965
3.196.4 F18C:2E FB Diag 10976
3.196.4 F18C:2F FB Diag 10977
3.196.4 F18C:30 FB Diag 10978
3.196.4 F18C:31 FB Diag 10989
3.196.5 F18C:32 FB Diag 10980
3.196.5 F18C:33 FB Diag 10981
3.196.5 F18C:34 FB Diag 10982
3.196.5 F18C:35 FB Diag 10993
3.196.5 F18C:36 FB Diag 10994
3.196.5 F18C:37 FB Diag 10995
3.196.5 F18C:38 FB Diag 11006
3.196.5 F18C:39 FB Diag 11007

3.196.5 F18C:3A FB Diag 11008
3.196.5 F18C:3B FB Diag 11009
3.196.6 F18C:3C FB Diag 11010
3.196.6 F18C:3D FB Diag 11011
3.196.6 F18C:3E FB Diag 11012
3.196.6 F18C:3F FB Diag 11023
3.196.6 F18C:40 FB Diag 11024
3.196.6 F18C:41 FB Diag 11025
3.196.6 F18C:42 FB Diag 11026
3.196.6 F18C:43 FB Diag 11037
3.196.6 F18C:44 FB Diag 11038
3.196.6 F18C:45 FB Diag 11039
3.196.7 F18C:46 FB Diag 11040
3.196.7 F18C:47 FB Diag 11041
3.196.7 F18C:48 FB Diag 11042
3.196.7 F18C:49 FB Diag 11043
3.196.7 F18C:4A FB Diag 11054
3.196.7 F18C:4B FB Diag 11055
3.196.7 F18C:4C FB Diag 11056
3.196.7 F18C:4D FB Diag 11067
3.196.7 F18C:4E FB Diag 11068
3.196.7 F18C:4F FB Diag 11069
3.196.8 F18C:50 FB Diag 11060
3.196.8 F18C:51 FB Diag 11071
3.196.8 F18C:52 FB Diag 11072
3.196.8 F18C:53 FB Diag 11073

3.196.8 F18C:54 FB Diag....1108
4
3.196.8 F18C:55 FB Diag....1108
5
3.196.8 F18C:56 FB Diag....1108
6
3.196.8 F18C:57 FB Diag....1108
7
3.196.8 F18C:58 FB Diag....1109
8
3.196.8 F18C:59 FB Diag....1109
9
3.196.9 F18C:5A FB Diag....1109
0
3.196.9 F18C:5B FB Diag....1110
1
3.196.9 F18C:5C FB Diag....1110
2
3.196.9 F18C:5D FB Diag....1110
3
3.196.9 F18C:5E FB Diag....1110
4
3.196.9 F18C:5F FB Diag....1111
5
3.196.9 F18C:60 FB Diag....1111
6
3.196.9 F18C:61 FB Diag....1111
7
3.196.9 F18C:62 FB Diag....1112
8
3.196.9 F18C:63 FB Diag....1112
9
3.196.1 F18C:64 FB Diag....1112
00
3.196.1 F18C:65 FB Diag....1112
01
3.196.1 F18C:66 FB Diag....1113
02
3.196.1 F18C:67 FB Diag....1113
03
3.196.1 F18C:68 FB Diag....1113
04
3.196.1 F18C:69 FB Diag....1114
05
3.196.1 F18C:6A FB Diag....1114
06
3.196.1 F18C:6B FB Diag....1114
07
3.196.1 F18C:6C FB Diag....1114
08
3.196.1 F18C:6D FB Diag....1115
09
3.196.1 F18C:6E FB Diag....1115
10

3.196.1 F18C:6F FB Diag 1115
11
3.196.1 F18C:70 FB Diag 1116
12
3.196.1 F18C:71 FB Diag 1116
13
3.196.1 F18C:72 FB Diag 1116
14
3.196.1 F18C:73 FB Diag 1116
15
3.196.1 F18C:74 FB Diag 1117
16
3.196.1 F18C:75 FB Diag 1117
17
3.196.1 F18C:76 FB Diag 1117
18
3.196.1 F18C:77 FB Diag 1118
19
3.196.1 F18C:78 FB Diag 1118
20
3.196.1 F18C:79 FB Diag 1118
21
3.196.1 F18C:7A FB Diag 1118
22
3.196.1 F18C:7B FB Diag 1119
23
3.196.1 F18C:7C FB Diag 1119
24
3.196.1 F18C:7D FB Diag 1119
25
3.196.1 F18C:7E FB Diag 1120
26
3.196.1 F18C:7F FB Diag 1120
27
3.196.1 F18C:80 FB Diag 1120
28
3.196.1 F18C:81 FB Diag 1120
29
3.196.1 F18C:82 FB Diag 1121
30
3.196.1 F18C:83 FB Diag 1121
31
3.196.1 F18C:84 FB Diag 1121
32
3.196.1 F18C:85 FB Diag 1122
33
3.196.1 F18C:86 FB Diag 1122
34
3.196.1 F18C:87 FB Diag 1122
35
3.196.1 F18C:88 FB Diag 1122
36

3.196.1 F18C:89 FB Diag....1123
37
3.196.1 F18C:8A FB Diag....1123
38
3.196.1 F18C:8B FB Diag....1123
39
3.196.1 F18C:8C FB Diag....1124
40
3.196.1 F18C:8D FB Diag....1124
41
3.196.1 F18C:8E FB Diag....1124
42
3.196.1 F18C:8F FB Diag....1124
43
3.196.1 F18C:90 FB Diag....1125
44
3.196.1 F18C:91 FB Diag....1125
45
3.196.1 F18C:92 FB Diag....1125
46
3.196.1 F18C:93 FB Diag....1126
47
3.196.1 F18C:94 FB Diag....1126
48
3.196.1 F18C:95 FB Diag....1126
49
3.196.1 F18C:96 FB Diag....1126
50
3.196.1 F18C:97 FB Diag....1127
51
3.196.1 F18C:98 FB Diag....1127
52
3.196.1 F18C:99 FB Diag....1127
53
3.196.1 F18C:9A FB Diag....1128
54
3.196.1 F18C:9B FB Diag....1128
55
3.196.1 F18C:9C FB Diag....1128
56
3.196.1 F18C:9D FB Diag....1128
57
3.196.1 F18C:9E FB Diag....1129
58
3.196.1 F18C:9F FB Diag....1129
59
3.196.1 F18C:A0 FB Diag....1129
60
3.196.1 F18C:A1 FB Diag....1130
61
3.196.1 F18C:A2 FB Diag....1130
62
3.196.1 F18C:A3 FB Diag....1130
63

3.196.1 F18C:A4 FB Diag 1130
64
3.196.1 F18C:A5 FB Diag 1131
65
3.196.1 F18C:A6 FB Diag 1131
66
3.196.1 F18C:A7 FB Diag 1131
67
3.196.1 F18C:A8 FB Diag 1132
68
3.196.1 F18C:A9 FB Diag 1132
69
3.196.1 F18C:AA FB Diag 1132
70
3.196.1 F18C:AB FB Diag 1132
71
3.196.1 F18C:AC FB Diag 1133
72
3.196.1 F18C:AD FB Diag 1133
73
3.196.1 F18C:AE FB Diag 1133
74
3.196.1 F18C:AF FB Diag 1134
75
3.196.1 F18C:B0 FB Diag 1134
76
3.196.1 F18C:B1 FB Diag 1134
77
3.196.1 F18C:B2 FB Diag 1134
78
3.196.1 F18C:B3 FB Diag 1135
79
3.196.1 F18C:B4 FB Diag 1135
80
3.196.1 F18C:B5 FB Diag 1135
81
3.196.1 F18C:B6 FB Diag 1136
82
3.196.1 F18C:B7 FB Diag 1136
83
3.196.1 F18C:B8 FB Diag 1136
84
3.196.1 F18C:B9 FB Diag 1136
85
3.196.1 F18C:BA FB Diag 1137
86
3.196.1 F18C:BB FB Diag 1137
87
3.196.1 F18C:BC FB Diag 1137
88
3.196.1 F18C:BD FB Diag 1138
89

3.196.1 F18C:BE FB Diag 1138
90
3.196.1 F18C:BF FB Diag 1138
91
3.196.1 F18C:C0 FB Diag 1138
92
3.196.1 F18C:C1 FB Diag 1139
93
3.196.1 F18C:C2 FB Diag 1139
94
3.196.1 F18C:C3 FB Diag 1139
95
3.196.1 F18C:C4 FB Diag 1140
96
3.196.1 F18C:C5 FB Diag 1140
97
3.196.1 F18C:C6 FB Diag 1140
98
3.196.1 F18C:C7 FB Diag 1140
99
3.196.2 F18C:C8 FB Diag 1141
00
3.196.2 F18C:C9 FB Diag 1141
01
3.196.2 F18C:CA FB Diag 1141
02
3.196.2 F18C:CB FB Diag 1142
03
3.196.2 F18C:CC FB Diag 1142
04
3.196.2 F18C:CD FB Diag 1142
05
3.196.2 F18C:CE FB Diag 1142
06
3.196.2 F18C:CF FB Diag 1143
07
3.196.2 F18C:D0 FB Diag 1143
08
3.196.2 F18C:D1 FB Diag 1143
09
3.196.2 F18C:D2 FB Diag 1144
10
3.196.2 F18C:D3 FB Diag 1144
11
3.196.2 F18C:D4 FB Diag 1144
12
3.196.2 F18C:D5 FB Diag 1144
13
3.196.2 F18C:D6 FB Diag 1145
14
3.196.2 F18C:D7 FB Diag 1145
15
3.196.2 F18C:D8 FB Diag 1145
16

3.196.2 F18C:D9 FB Diag 1146
17
3.196.2 F18C:DA FB Diag 1146
18
3.196.2 F18C:DB FB Diag 1146
19
3.196.2 F18C:DC FB Diag 1146
20
3.196.2 F18C:DD FB Diag 1147
21
3.196.2 F18C:DE FB Diag 1147
22
3.196.2 F18C:DF FB Diag 1147
23
3.196.2 F18C:E0 FB Diag 1148
24
3.196.2 F18C:E1 FB Diag 1148
25
3.196.2 F18C:E2 FB Diag 1148
26
3.196.2 F18C:E3 FB Diag 1148
27
3.196.2 F18C:E4 FB Diag 1149
28
3.196.2 F18C:E5 FB Diag 1149
29
3.196.2 F18C:E6 FB Diag 1149
30
3.196.2 F18C:E7 FB Diag 1150
31
3.196.2 F18C:E8 FB Diag 1150
32
3.196.2 F18C:E9 FB Diag 1150
33
3.196.2 F18C:EA FB Diag 1150
34
3.196.2 F18C:EB FB Diag 1151
35
3.196.2 F18C:EC FB Diag 1151
36
3.196.2 F18C:ED FB Diag 1151
37
3.196.2 F18C:EE FB Diag 1152
38
3.196.2 F18C:EF FB Diag 1152
39
3.196.2 F18C:F0 FB Diag 1152
40
3.196.2 F18C:F1 FB Diag 1152
41
3.196.2 F18C:F2 FB Diag 1153
42

3.196.2 F18C:F3 FB Diag 1153
43
3.196.2 F18C:F4 FB Diag 1153
44
3.196.2 F18C:F5 FB Diag 1154
45
3.196.2 F18C:F6 FB Diag 1154
46
3.196.2 F18C:F7 FB Diag 1154
47
3.196.2 F18C:F8 FB Diag 1154
48
3.196.2 F18C:F9 FB Diag 1155
49
3.196.2 F18C:FA FB Diag 1155
50
3.196.2 F18C:FB FB Diag 1155
51
3.196.2 F18C:FC FB Diag 1156
52
3.196.2 F18C:FD FB Diag 1156
53
3.196.2 F18C:FE FB Diag 1156
54
3.196.2 F18C:FF FB Diag 1156
55
3.197 F18D:x FB 256-510 Diag 1158
3.197.1 F18D:01 FB Diag 1158
3.197.2 F18D:02 FB Diag 1158
3.197.3 F18D:03 FB Diag 1158
3.197.4 F18D:04 FB Diag 1159
3.197.5 F18D:05 FB Diag 1159
3.197.6 F18D:06 FB Diag 1159
3.197.7 F18D:07 FB Diag 1160
3.197.8 F18D:08 FB Diag 1160
3.197.9 F18D:09 FB Diag 1160
3.197.1 F18D:0A FB Diag 1160
0
3.197.1 F18D:0B FB Diag 1161
1
3.197.1 F18D:0C FB Diag 1161
2
3.197.1 F18D:0D FB Diag 1161
3
3.197.1 F18D:0E FB Diag 1162
4
3.197.1 F18D:0F FB Diag 1162
5
3.197.1 F18D:10 FB Diag 1162
6
3.197.1 F18D:11 FB Diag 1162
7

3.197.1 F18D:12 FB Diag....1163
8
3.197.1 F18D:13 FB Diag....1163
9
3.197.2 F18D:14 FB Diag....1163
0
3.197.2 F18D:15 FB Diag....1164
1
3.197.2 F18D:16 FB Diag....1164
2
3.197.2 F18D:17 FB Diag....1164
3
3.197.2 F18D:18 FB Diag....1164
4
3.197.2 F18D:19 FB Diag....1165
5
3.197.2 F18D:1A FB Diag....1165
6
3.197.2 F18D:1B FB Diag....1165
7
3.197.2 F18D:1C FB Diag....1166
8
3.197.2 F18D:1D FB Diag....1166
9
3.197.3 F18D:1E FB Diag....1166
0
3.197.3 F18D:1F FB Diag....1166
1
3.197.3 F18D:20 FB Diag....1167
2
3.197.3 F18D:21 FB Diag....1167
3
3.197.3 F18D:22 FB Diag....1167
4
3.197.3 F18D:23 FB Diag....1168
5
3.197.3 F18D:24 FB Diag....1168
6
3.197.3 F18D:25 FB Diag....1168
7
3.197.3 F18D:26 FB Diag....1168
8
3.197.3 F18D:27 FB Diag....1169
9
3.197.4 F18D:28 FB Diag....1169
0
3.197.4 F18D:29 FB Diag....1169
1
3.197.4 F18D:2A FB Diag....1170
2
3.197.4 F18D:2B FB Diag....1170
3

3.197.4 F18D:2C FB Diag 1170
4
3.197.4 F18D:2D FB Diag 1170
5
3.197.4 F18D:2E FB Diag 1171
6
3.197.4 F18D:2F FB Diag 1171
7
3.197.4 F18D:30 FB Diag 1171
8
3.197.4 F18D:31 FB Diag 1172
9
3.197.5 F18D:32 FB Diag 1172
0
3.197.5 F18D:33 FB Diag 1172
1
3.197.5 F18D:34 FB Diag 1172
2
3.197.5 F18D:35 FB Diag 1173
3
3.197.5 F18D:36 FB Diag 1173
4
3.197.5 F18D:37 FB Diag 1173
5
3.197.5 F18D:38 FB Diag 1174
6
3.197.5 F18D:39 FB Diag 1174
7
3.197.5 F18D:3A FB Diag 1174
8
3.197.5 F18D:3B FB Diag 1174
9
3.197.6 F18D:3C FB Diag 1175
0
3.197.6 F18D:3D FB Diag 1175
1
3.197.6 F18D:3E FB Diag 1175
2
3.197.6 F18D:3F FB Diag 1176
3
3.197.6 F18D:40 FB Diag 1176
4
3.197.6 F18D:41 FB Diag 1176
5
3.197.6 F18D:42 FB Diag 1176
6
3.197.6 F18D:43 FB Diag 1177
7
3.197.6 F18D:44 FB Diag 1177
8
3.197.6 F18D:45 FB Diag 1177
9
3.197.7 F18D:46 FB Diag 1178
0

3.197.7 F18D:47 FB Diag....1178
1
3.197.7 F18D:48 FB Diag....1178
2
3.197.7 F18D:49 FB Diag....1178
3
3.197.7 F18D:4A FB Diag....1179
4
3.197.7 F18D:4B FB Diag....1179
5
3.197.7 F18D:4C FB Diag....1179
6
3.197.7 F18D:4D FB Diag....1180
7
3.197.7 F18D:4E FB Diag....1180
8
3.197.7 F18D:4F FB Diag....1180
9
3.197.8 F18D:50 FB Diag....1180
0
3.197.8 F18D:51 FB Diag....1181
1
3.197.8 F18D:52 FB Diag....1181
2
3.197.8 F18D:53 FB Diag....1181
3
3.197.8 F18D:54 FB Diag....1182
4
3.197.8 F18D:55 FB Diag....1182
5
3.197.8 F18D:56 FB Diag....1182
6
3.197.8 F18D:57 FB Diag....1182
7
3.197.8 F18D:58 FB Diag....1183
8
3.197.8 F18D:59 FB Diag....1183
9
3.197.9 F18D:5A FB Diag....1183
0
3.197.9 F18D:5B FB Diag....1184
1
3.197.9 F18D:5C FB Diag....1184
2
3.197.9 F18D:5D FB Diag....1184
3
3.197.9 F18D:5E FB Diag....1184
4
3.197.9 F18D:5F FB Diag....1185
5
3.197.9 F18D:60 FB Diag....1185
6

3.197.9 F18D:61 FB Diag....1185
7
3.197.9 F18D:62 FB Diag....1186
8
3.197.9 F18D:63 FB Diag....1186
9
3.197.1 F18D:64 FB Diag....1186
00
3.197.1 F18D:65 FB Diag....1186
01
3.197.1 F18D:66 FB Diag....1187
02
3.197.1 F18D:67 FB Diag....1187
03
3.197.1 F18D:68 FB Diag....1187
04
3.197.1 F18D:69 FB Diag....1188
05
3.197.1 F18D:6A FB Diag....1188
06
3.197.1 F18D:6B FB Diag....1188
07
3.197.1 F18D:6C FB Diag....1188
08
3.197.1 F18D:6D FB Diag....1189
09
3.197.1 F18D:6E FB Diag....1189
10
3.197.1 F18D:6F FB Diag....1189
11
3.197.1 F18D:70 FB Diag....1190
12
3.197.1 F18D:71 FB Diag....1190
13
3.197.1 F18D:72 FB Diag....1190
14
3.197.1 F18D:73 FB Diag....1190
15
3.197.1 F18D:74 FB Diag....1191
16
3.197.1 F18D:75 FB Diag....1191
17
3.197.1 F18D:76 FB Diag....1191
18
3.197.1 F18D:77 FB Diag....1192
19
3.197.1 F18D:78 FB Diag....1192
20
3.197.1 F18D:79 FB Diag....1192
21
3.197.1 F18D:7A FB Diag....1192
22
3.197.1 F18D:7B FB Diag....1193
23

3.197.1 F18D:7C FB Diag 1193
24
3.197.1 F18D:7D FB Diag 1193
25
3.197.1 F18D:7E FB Diag 1194
26
3.197.1 F18D:7F FB Diag 1194
27
3.197.1 F18D:80 FB Diag 1194
28
3.197.1 F18D:81 FB Diag 1194
29
3.197.1 F18D:82 FB Diag 1195
30
3.197.1 F18D:83 FB Diag 1195
31
3.197.1 F18D:84 FB Diag 1195
32
3.197.1 F18D:85 FB Diag 1196
33
3.197.1 F18D:86 FB Diag 1196
34
3.197.1 F18D:87 FB Diag 1196
35
3.197.1 F18D:88 FB Diag 1196
36
3.197.1 F18D:89 FB Diag 1197
37
3.197.1 F18D:8A FB Diag 1197
38
3.197.1 F18D:8B FB Diag 1197
39
3.197.1 F18D:8C FB Diag 1198
40
3.197.1 F18D:8D FB Diag 1198
41
3.197.1 F18D:8E FB Diag 1198
42
3.197.1 F18D:8F FB Diag 1198
43
3.197.1 F18D:90 FB Diag 1199
44
3.197.1 F18D:91 FB Diag 1199
45
3.197.1 F18D:92 FB Diag 1199
46
3.197.1 F18D:93 FB Diag 1200
47
3.197.1 F18D:94 FB Diag 1200
48
3.197.1 F18D:95 FB Diag 1200
49

3.197.1 F18D:96 FB Diag....1200
50
3.197.1 F18D:97 FB Diag....1201
51
3.197.1 F18D:98 FB Diag....1201
52
3.197.1 F18D:99 FB Diag....1201
53
3.197.1 F18D:9A FB Diag....1202
54
3.197.1 F18D:9B FB Diag....1202
55
3.197.1 F18D:9C FB Diag....1202
56
3.197.1 F18D:9D FB Diag....1202
57
3.197.1 F18D:9E FB Diag....1203
58
3.197.1 F18D:9F FB Diag....1203
59
3.197.1 F18D:A0 FB Diag....1203
60
3.197.1 F18D:A1 FB Diag....1204
61
3.197.1 F18D:A2 FB Diag....1204
62
3.197.1 F18D:A3 FB Diag....1204
63
3.197.1 F18D:A4 FB Diag....1204
64
3.197.1 F18D:A5 FB Diag....1205
65
3.197.1 F18D:A6 FB Diag....1205
66
3.197.1 F18D:A7 FB Diag....1205
67
3.197.1 F18D:A8 FB Diag....1206
68
3.197.1 F18D:A9 FB Diag....1206
69
3.197.1 F18D:AA FB Diag....1206
70
3.197.1 F18D:AB FB Diag....1206
71
3.197.1 F18D:AC FB Diag....1207
72
3.197.1 F18D:AD FB Diag....1207
73
3.197.1 F18D:AE FB Diag....1207
74
3.197.1 F18D:AF FB Diag....1208
75
3.197.1 F18D:B0 FB Diag....1208
76

3.197.1 F18D:B1 FB Diag 1208
77
3.197.1 F18D:B2 FB Diag 1208
78
3.197.1 F18D:B3 FB Diag 1209
79
3.197.1 F18D:B4 FB Diag 1209
80
3.197.1 F18D:B5 FB Diag 1209
81
3.197.1 F18D:B6 FB Diag 1210
82
3.197.1 F18D:B7 FB Diag 1210
83
3.197.1 F18D:B8 FB Diag 1210
84
3.197.1 F18D:B9 FB Diag 1210
85
3.197.1 F18D:BA FB Diag 1211
86
3.197.1 F18D:BB FB Diag 1211
87
3.197.1 F18D:BC FB Diag 1211
88
3.197.1 F18D:BD FB Diag 1212
89
3.197.1 F18D:BE FB Diag 1212
90
3.197.1 F18D:BF FB Diag 1212
91
3.197.1 F18D:C0 FB Diag 1212
92
3.197.1 F18D:C1 FB Diag 1213
93
3.197.1 F18D:C2 FB Diag 1213
94
3.197.1 F18D:C3 FB Diag 1213
95
3.197.1 F18D:C4 FB Diag 1214
96
3.197.1 F18D:C5 FB Diag 1214
97
3.197.1 F18D:C6 FB Diag 1214
98
3.197.1 F18D:C7 FB Diag 1214
99
3.197.2 F18D:C8 FB Diag 1215
00
3.197.2 F18D:C9 FB Diag 1215
01
3.197.2 F18D:CA FB Diag 1215
02

3.197.2 F18D:CB FB Diag 1216
03
3.197.2 F18D:CC FB Diag 1216
04
3.197.2 F18D:CD FB Diag 1216
05
3.197.2 F18D:CE FB Diag 1216
06
3.197.2 F18D:CF FB Diag 1217
07
3.197.2 F18D:D0 FB Diag 1217
08
3.197.2 F18D:D1 FB Diag 1217
09
3.197.2 F18D:D2 FB Diag 1218
10
3.197.2 F18D:D3 FB Diag 1218
11
3.197.2 F18D:D4 FB Diag 1218
12
3.197.2 F18D:D5 FB Diag 1218
13
3.197.2 F18D:D6 FB Diag 1219
14
3.197.2 F18D:D7 FB Diag 1219
15
3.197.2 F18D:D8 FB Diag 1219
16
3.197.2 F18D:D9 FB Diag 1220
17
3.197.2 F18D:DA FB Diag 1220
18
3.197.2 F18D:DB FB Diag 1220
19
3.197.2 F18D:DC FB Diag 1220
20
3.197.2 F18D:DD FB Diag 1221
21
3.197.2 F18D:DE FB Diag 1221
22
3.197.2 F18D:DF FB Diag 1221
23
3.197.2 F18D:E0 FB Diag 1222
24
3.197.2 F18D:E1 FB Diag 1222
25
3.197.2 F18D:E2 FB Diag 1222
26
3.197.2 F18D:E3 FB Diag 1222
27
3.197.2 F18D:E4 FB Diag 1223
28
3.197.2 F18D:E5 FB Diag 1223
29

3.197.2 F18D:E6 FB Diag 1223
30
3.197.2 F18D:E7 FB Diag 1224
31
3.197.2 F18D:E8 FB Diag 1224
32
3.197.2 F18D:E9 FB Diag 1224
33
3.197.2 F18D:EA FB Diag 1224
34
3.197.2 F18D:EB FB Diag 1225
35
3.197.2 F18D:EC FB Diag 1225
36
3.197.2 F18D:ED FB Diag 1225
37
3.197.2 F18D:EE FB Diag 1226
38
3.197.2 F18D:EF FB Diag 1226
39
3.197.2 F18D:F0 FB Diag 1226
40
3.197.2 F18D:F1 FB Diag 1226
41
3.197.2 F18D:F2 FB Diag 1227
42
3.197.2 F18D:F3 FB Diag 1227
43
3.197.2 F18D:F4 FB Diag 1227
44
3.197.2 F18D:F5 FB Diag 1228
45
3.197.2 F18D:F6 FB Diag 1228
46
3.197.2 F18D:F7 FB Diag 1228
47
3.197.2 F18D:F8 FB Diag 1228
48
3.197.2 F18D:F9 FB Diag 1229
49
3.197.2 F18D:FA FB Diag 1229
50
3.197.2 F18D:FB FB Diag 1229
51
3.197.2 F18D:FC FB Diag 1230
52
3.197.2 F18D:FD FB Diag 1230
53
3.197.2 F18D:FE FB Diag 1230
54
3.197.2 F18D:FF FB Diag 1230
55
3.198 F18E:x FB 511-512 Diag 1232

3.198.1 F18E:01 FB Diag 1232
3.198.2 F18E:02 FB Diag 1232
3.198.3 F18E:03 FB Diag 1232
3.198.4 F18E:04 FB Diag 1233
3.198.5 F18E:05 FB Diag 1233
3.198.6 F18E:06 FB Diag 1233
3.198.7 F18E:07 FB Diag 1234
3.198.8 F18E:08 FB Diag 1234
3.198.9 F18E:09 FB Diag 1234
3.198.10 F18E:0A FB Diag 1234
3.198.11 F18E:0B FB Diag 1235
3.198.12 F18E:0C FB Diag 1235
3.198.13 F18E:0D FB Diag 1235
3.198.14 F18E:0E FB Diag 1236
3.198.15 F18E:0F FB Diag 1236
3.198.16 F18E:10 FB Diag 1236
3.198.17 F18E:11 FB Diag 1236
3.198.18 F18E:12 FB Diag 1237
3.198.19 F18E:13 FB Diag 1237
3.198.20 F18E:14 FB Diag 1237
3.198.21 F18E:15 FB Diag 1238
3.198.22 F18E:16 FB Diag 1238
3.198.23 F18E:17 FB Diag 1238
3.198.24 F18E:18 FB Diag 1238
3.198.25 F18E:19 FB Diag 1239
3.198.26 F18E:1A FB Diag 1239
3.198.27 F18E:1B FB Diag 1239
3.198.28 F18E:1C FB Diag 1240
3.198.29 F18E:1D FB Diag 1240
3.198.30 F18E:1E FB Diag 1240
3.198.31 F18E:1F FB Diag 1240

3.198.3 F18E:20 FB Diag 1241
2
3.198.3 F18E:21 FB Diag 1241
3
3.198.3 F18E:22 FB Diag 1241
4
3.198.3 F18E:23 FB Diag 1242
5
3.198.3 F18E:24 FB Diag 1242
6
3.198.3 F18E:25 FB Diag 1242
7
3.198.3 F18E:26 FB Diag 1242
8
3.198.3 F18E:27 FB Diag 1243
9
3.198.4 F18E:28 FB Diag 1243
0
3.198.4 F18E:29 FB Diag 1243
1
3.198.4 F18E:2A FB Diag 1244
2
3.198.4 F18E:2B FB Diag 1244
3
3.198.4 F18E:2C FB Diag 1244
4
3.198.4 F18E:2D FB Diag 1244
5
3.198.4 F18E:2E FB Diag 1245
6
3.198.4 F18E:2F FB Diag 1245
7
3.198.4 F18E:30 FB Diag 1245
8
3.198.4 F18E:31 FB Diag 1246
9
3.198.5 F18E:32 FB Diag 1246
0
3.198.5 F18E:33 FB Diag 1246
1
3.198.5 F18E:34 FB Diag 1246
2
3.198.5 F18E:35 FB Diag 1247
3
3.198.5 F18E:36 FB Diag 1247
4
3.198.5 F18E:37 FB Diag 1247
5
3.198.5 F18E:38 FB Diag 1248
6
3.198.5 F18E:39 FB Diag 1248
7

3.198.5 F18E:3A FB Diag 1248
3.198.5 F18E:3B FB Diag 1248
3.198.6 F18E:3C FB Diag 1249
3.198.6 F18E:3D FB Diag 1249
3.198.6 F18E:3E FB Diag 1249
3.198.6 F18E:3F FB Diag 1250
3.198.6 F18E:40 FB Diag 1250
3.198.6 F18E:41 FB Diag 1250
3.198.6 F18E:42 FB Diag 1250
3.198.6 F18E:43 FB Diag 1251
3.198.6 F18E:44 FB Diag 1251
3.198.6 F18E:45 FB Diag 1251
3.198.7 F18E:46 FB Diag 1252
3.198.7 F18E:47 FB Diag 1252
3.198.7 F18E:48 FB Diag 1252
3.198.7 F18E:49 FB Diag 1252
3.198.7 F18E:4A FB Diag 1253
3.198.7 F18E:4B FB Diag 1253
3.198.7 F18E:4C FB Diag 1253
3.198.7 F18E:4D FB Diag 1254
3.198.7 F18E:4E FB Diag 1254
3.198.7 F18E:4F FB Diag 1254
3.198.8 F18E:50 FB Diag 1254
3.198.8 F18E:51 FB Diag 1255
3.198.8 F18E:52 FB Diag 1255
3.198.8 F18E:53 FB Diag 1255
3.198.8 F18E:54 FB Diag 1256

3.198.8 F18E:55 FB Diag 1256
5
3.198.8 F18E:56 FB Diag 1256
6
3.198.8 F18E:57 FB Diag 1256
7
3.198.8 F18E:58 FB Diag 1257
8
3.198.8 F18E:59 FB Diag 1257
9
3.198.9 F18E:5A FB Diag 1257
0
3.198.9 F18E:5B FB Diag 1258
1
3.198.9 F18E:5C FB Diag 1258
2
3.198.9 F18E:5D FB Diag 1258
3
3.198.9 F18E:5E FB Diag 1258
4
3.198.9 F18E:5F FB Diag 1259
5
3.198.9 F18E:60 FB Diag 1259
6
3.198.9 F18E:61 FB Diag 1259
7
3.198.9 F18E:62 FB Diag 1260
8
3.198.9 F18E:63 FB Diag 1260
9
3.198.1 F18E:64 FB Diag 1260
00
3.198.1 F18E:65 FB Diag 1260
01
3.198.1 F18E:66 FB Diag 1261
02
3.198.1 F18E:67 FB Diag 1261
03
3.198.1 F18E:68 FB Diag 1261
04
3.198.1 F18E:69 FB Diag 1262
05
3.198.1 F18E:6A FB Diag 1262
06
3.198.1 F18E:6B FB Diag 1262
07
3.198.1 F18E:6C FB Diag 1262
08
3.198.1 F18E:6D FB Diag 1263
09
3.198.1 F18E:6E FB Diag 1263
10

3.198.1 F18E:6F FB Diag 1263
11
3.198.1 F18E:70 FB Diag 1264
12
3.198.1 F18E:71 FB Diag 1264
13
3.198.1 F18E:72 FB Diag 1264
14
3.198.1 F18E:73 FB Diag 1264
15
3.198.1 F18E:74 FB Diag 1265
16
3.198.1 F18E:75 FB Diag 1265
17
3.198.1 F18E:76 FB Diag 1265
18
3.198.1 F18E:77 FB Diag 1266
19
3.198.1 F18E:78 FB Diag 1266
20
3.198.1 F18E:79 FB Diag 1266
21
3.198.1 F18E:7A FB Diag 1266
22
3.198.1 F18E:7B FB Diag 1267
23
3.198.1 F18E:7C FB Diag 1267
24
3.198.1 F18E:7D FB Diag 1267
25
3.198.1 F18E:7E FB Diag 1268
26
3.198.1 F18E:7F FB Diag 1268
27
3.198.1 F18E:80 FB Diag 1268
28
3.198.1 F18E:81 FB Diag 1268
29
3.198.1 F18E:82 FB Diag 1269
30
3.198.1 F18E:83 FB Diag 1269
31
3.198.1 F18E:84 FB Diag 1269
32
3.198.1 F18E:85 FB Diag 1270
33
3.198.1 F18E:86 FB Diag 1270
34
3.198.1 F18E:87 FB Diag 1270
35
3.198.1 F18E:88 FB Diag 1270
36
3.198.1 F18E:89 FB Diag 1271
37

3.198.1 F18E:8A FB Diag 1271
38
3.198.1 F18E:8B FB Diag 1271
39
3.198.1 F18E:8C FB Diag 1272
40
3.198.1 F18E:8D FB Diag 1272
41
3.198.1 F18E:8E FB Diag 1272
42
3.198.1 F18E:8F FB Diag 1272
43
3.198.1 F18E:90 FB Diag 1273
44
3.198.1 F18E:91 FB Diag 1273
45
3.198.1 F18E:92 FB Diag 1273
46
3.198.1 F18E:93 FB Diag 1274
47
3.198.1 F18E:94 FB Diag 1274
48
3.198.1 F18E:95 FB Diag 1274
49
3.198.1 F18E:96 FB Diag 1274
50
3.198.1 F18E:97 FB Diag 1275
51
3.198.1 F18E:98 FB Diag 1275
52
3.198.1 F18E:99 FB Diag 1275
53
3.198.1 F18E:9A FB Diag 1276
54
3.198.1 F18E:9B FB Diag 1276
55
3.198.1 F18E:9C FB Diag 1276
56
3.198.1 F18E:9D FB Diag 1276
57
3.198.1 F18E:9E FB Diag 1277
58
3.198.1 F18E:9F FB Diag 1277
59
3.198.1 F18E:A0 FB Diag 1277
60
3.198.1 F18E:A1 FB Diag 1278
61
3.198.1 F18E:A2 FB Diag 1278
62
3.198.1 F18E:A3 FB Diag 1278
63

3.198.1 F18E:A4 FB Diag 1278
64
3.198.1 F18E:A5 FB Diag 1279
65
3.198.1 F18E:A6 FB Diag 1279
66
3.198.1 F18E:A7 FB Diag 1279
67
3.198.1 F18E:A8 FB Diag 1280
68
3.198.1 F18E:A9 FB Diag 1280
69
3.198.1 F18E:AA FB Diag 1280
70
3.198.1 F18E:AB FB Diag 1280
71
3.198.1 F18E:AC FB Diag 1281
72
3.198.1 F18E:AD FB Diag 1281
73
3.198.1 F18E:AE FB Diag 1281
74
3.198.1 F18E:AF FB Diag 1282
75
3.198.1 F18E:B0 FB Diag 1282
76
3.198.1 F18E:B1 FB Diag 1282
77
3.198.1 F18E:B2 FB Diag 1282
78
3.198.1 F18E:B3 FB Diag 1283
79
3.198.1 F18E:B4 FB Diag 1283
80
3.198.1 F18E:B5 FB Diag 1283
81
3.198.1 F18E:B6 FB Diag 1284
82
3.198.1 F18E:B7 FB Diag 1284
83
3.198.1 F18E:B8 FB Diag 1284
84
3.198.1 F18E:B9 FB Diag 1284
85
3.198.1 F18E:BA FB Diag 1285
86
3.198.1 F18E:BB FB Diag 1285
87
3.198.1 F18E:BC FB Diag 1285
88
3.198.1 F18E:BD FB Diag 1286
89
3.198.1 F18E:BE FB Diag 1286
90

3.198.1 F18E:BF FB Diag 1286
91
3.198.1 F18E:C0 FB Diag 1286
92
3.198.1 F18E:C1 FB Diag 1287
93
3.198.1 F18E:C2 FB Diag 1287
94
3.198.1 F18E:C3 FB Diag 1287
95
3.198.1 F18E:C4 FB Diag 1288
96
3.198.1 F18E:C5 FB Diag 1288
97
3.198.1 F18E:C6 FB Diag 1288
98
3.198.1 F18E:C7 FB Diag 1288
99
3.198.2 F18E:C8 FB Diag 1289
00
3.198.2 F18E:C9 FB Diag 1289
01
3.198.2 F18E:CA FB Diag 1289
02
3.198.2 F18E:CB FB Diag 1290
03
3.198.2 F18E:CC FB Diag 1290
04
3.198.2 F18E:CD FB Diag 1290
05
3.198.2 F18E:CE FB Diag 1290
06
3.198.2 F18E:CF FB Diag 1291
07
3.198.2 F18E:D0 FB Diag 1291
08
3.198.2 F18E:D1 FB Diag 1291
09
3.198.2 F18E:D2 FB Diag 1292
10
3.198.2 F18E:D3 FB Diag 1292
11
3.198.2 F18E:D4 FB Diag 1292
12
3.198.2 F18E:D5 FB Diag 1292
13
3.198.2 F18E:D6 FB Diag 1293
14
3.198.2 F18E:D7 FB Diag 1293
15
3.198.2 F18E:D8 FB Diag 1293
16

3.198.2 F18E:D9 FB Diag 1294
17
3.198.2 F18E:DA FB Diag 1294
18
3.198.2 F18E:DB FB Diag 1294
19
3.198.2 F18E:DC FB Diag 1294
20
3.198.2 F18E:DD FB Diag 1295
21
3.198.2 F18E:DE FB Diag 1295
22
3.198.2 F18E:DF FB Diag 1295
23
3.198.2 F18E:E0 FB Diag 1296
24
3.198.2 F18E:E1 FB Diag 1296
25
3.198.2 F18E:E2 FB Diag 1296
26
3.198.2 F18E:E3 FB Diag 1296
27
3.198.2 F18E:E4 FB Diag 1297
28
3.198.2 F18E:E5 FB Diag 1297
29
3.198.2 F18E:E6 FB Diag 1297
30
3.198.2 F18E:E7 FB Diag 1298
31
3.198.2 F18E:E8 FB Diag 1298
32
3.198.2 F18E:E9 FB Diag 1298
33
3.198.2 F18E:EA FB Diag 1298
34
3.198.2 F18E:EB FB Diag 1299
35
3.198.2 F18E:EC FB Diag 1299
36
3.198.2 F18E:ED FB Diag 1299
37
3.198.2 F18E:EE FB Diag 1300
38
3.198.2 F18E:EF FB Diag 1300
39
3.198.2 F18E:F0 FB Diag 1300
40
3.198.2 F18E:F1 FB Diag 1300
41
3.198.2 F18E:F2 FB Diag 1301
42
3.198.2 F18E:F3 FB Diag 1301
43

3.198.2 F18E:F4 FB Diag....1301
44
3.198.2 F18E:F5 FB Diag....1302
45
3.198.2 F18E:F6 FB Diag....1302
46
3.198.2 F18E:F7 FB Diag....1302
47
3.198.2 F18E:F8 FB Diag....1302
48
3.198.2 F18E:F9 FB Diag....1303
49
3.198.2 F18E:FA FB Diag....1303
50
3.198.2 F18E:FB FB Diag....1303
51
3.198.2 F18E:FC FB Diag....1304
52
3.198.2 F18E:FD FB Diag....1304
53
3.198.2 F18E:FE FB Diag....1304
54
3.198.2 F18E:FF FB Diag....1304
55
3.199 F190:x Connection State....1306
3.199.1 F190:01 FB State....1306
3.199.2 F190:02 FB State....1306
3.199.3 F190:03 FB State....1306
3.199.4 F190:04 FB State....1307
3.199.5 F190:05 FB State....1307
3.199.6 F190:06 FB State....1307
3.199.7 F190:07 FB State....1308
3.199.8 F190:08 FB State....1308
3.199.9 F190:09 FB State....1308
3.199.1 F190:0A FB State....1308
0
3.199.1 F190:0B FB State....1309
1
3.199.1 F190:0C FB State....1309
2
3.199.1 F190:0D FB State....1309
3
3.199.1 F190:0E FB State....1310
4
3.199.1 F190:0F FB State....1310
5
3.199.1 F190:10 FB State....1310
6
3.199.1 F190:11 FB State....1310
7
3.199.1 F190:12 FB State....1311
8

3.199.1 F190:13 FB State 1311
9
3.199.2 F190:14 FB State 1311
0
3.199.2 F190:15 FB State 1312
1
3.199.2 F190:16 FB State 1312
2
3.199.2 F190:17 FB State 1312
3
3.199.2 F190:18 FB State 1312
4
3.199.2 F190:19 FB State 1313
5
3.199.2 F190:1A FB State 1313
6
3.199.2 F190:1B FB State 1313
7
3.199.2 F190:1C FB State 1314
8
3.199.2 F190:1D FB State 1314
9
3.199.3 F190:1E FB State 1314
0
3.199.3 F190:1F FB State 1314
1
3.199.3 F190:20 FB State 1315
2
3.199.3 F190:21 FB State 1315
3
3.199.3 F190:22 FB State 1315
4
3.199.3 F190:23 FB State 1316
5
3.199.3 F190:24 FB State 1316
6
3.199.3 F190:25 FB State 1316
7
3.199.3 F190:26 FB State 1316
8
3.199.3 F190:27 FB State 1317
9
3.199.4 F190:28 FB State 1317
0
3.199.4 F190:29 FB State 1317
1
3.199.4 F190:2A FB State 1318
2
3.199.4 F190:2B FB State 1318
3
3.199.4 F190:2C FB State 1318
4
3.199.4 F190:2D FB State 1318
5

3.199.4 F190:2E FB State 1319
6
3.199.4 F190:2F FB State 1319
7
3.199.4 F190:30 FB State 1319
8
3.199.4 F190:31 FB State 1320
9
3.199.5 F190:32 FB State 1320
0
3.199.5 F190:33 FB State 1320
1
3.199.5 F190:34 FB State 1320
2
3.199.5 F190:35 FB State 1321
3
3.199.5 F190:36 FB State 1321
4
3.199.5 F190:37 FB State 1321
5
3.199.5 F190:38 FB State 1322
6
3.199.5 F190:39 FB State 1322
7
3.199.5 F190:3A FB State 1322
8
3.199.5 F190:3B FB State 1322
9
3.199.6 F190:3C FB State 1323
0
3.199.6 F190:3D FB State 1323
1
3.199.6 F190:3E FB State 1323
2
3.199.6 F190:3F FB State 1324
3
3.199.6 F190:40 FB State 1324
4
3.199.6 F190:41 FB State 1324
5
3.199.6 F190:42 FB State 1324
6
3.199.6 F190:43 FB State 1325
7
3.199.6 F190:44 FB State 1325
8
3.199.6 F190:45 FB State 1325
9
3.199.7 F190:46 FB State 1326
0
3.199.7 F190:47 FB State 1326
1

3.199.7 F190:48 FB State 1326
2
3.199.7 F190:49 FB State 1326
3
3.199.7 F190:4A FB State 1327
4
3.199.7 F190:4B FB State 1327
5
3.199.7 F190:4C FB State 1327
6
3.199.7 F190:4D FB State 1328
7
3.199.7 F190:4E FB State 1328
8
3.199.7 F190:4F FB State 1328
9
3.199.8 F190:50 FB State 1328
0
3.199.8 F190:51 FB State 1329
1
3.199.8 F190:52 FB State 1329
2
3.199.8 F190:53 FB State 1329
3
3.199.8 F190:54 FB State 1330
4
3.199.8 F190:55 FB State 1330
5
3.199.8 F190:56 FB State 1330
6
3.199.8 F190:57 FB State 1330
7
3.199.8 F190:58 FB State 1331
8
3.199.8 F190:59 FB State 1331
9
3.199.9 F190:5A FB State 1331
0
3.199.9 F190:5B FB State 1332
1
3.199.9 F190:5C FB State 1332
2
3.199.9 F190:5D FB State 1332
3
3.199.9 F190:5E FB State 1332
4
3.199.9 F190:5F FB State 1333
5
3.199.9 F190:60 FB State 1333
6
3.199.9 F190:61 FB State 1333
7
3.199.9 F190:62 FB State 1334
8

3.199.9 F190:63 FB State 1334
9
3.199.1 F190:64 FB State 1334
00
3.199.1 F190:65 FB State 1334
01
3.199.1 F190:66 FB State 1335
02
3.199.1 F190:67 FB State 1335
03
3.199.1 F190:68 FB State 1335
04
3.199.1 F190:69 FB State 1336
05
3.199.1 F190:6A FB State 1336
06
3.199.1 F190:6B FB State 1336
07
3.199.1 F190:6C FB State 1336
08
3.199.1 F190:6D FB State 1337
09
3.199.1 F190:6E FB State 1337
10
3.199.1 F190:6F FB State 1337
11
3.199.1 F190:70 FB State 1338
12
3.199.1 F190:71 FB State 1338
13
3.199.1 F190:72 FB State 1338
14
3.199.1 F190:73 FB State 1338
15
3.199.1 F190:74 FB State 1339
16
3.199.1 F190:75 FB State 1339
17
3.199.1 F190:76 FB State 1339
18
3.199.1 F190:77 FB State 1340
19
3.199.1 F190:78 FB State 1340
20
3.199.1 F190:79 FB State 1340
21
3.199.1 F190:7A FB State 1340
22
3.199.1 F190:7B FB State 1341
23
3.199.1 F190:7C FB State 1341
24

3.199.1 F190:7D FB State 1341
25
3.199.1 F190:7E FB State 1342
26
3.199.1 F190:7F FB State 1342
27
3.199.1 F190:80 FB State 1342
28
3.199.1 F190:81 FB State 1342
29
3.199.1 F190:82 FB State 1343
30
3.199.1 F190:83 FB State 1343
31
3.199.1 F190:84 FB State 1343
32
3.199.1 F190:85 FB State 1344
33
3.199.1 F190:86 FB State 1344
34
3.199.1 F190:87 FB State 1344
35
3.199.1 F190:88 FB State 1344
36
3.199.1 F190:89 FB State 1345
37
3.199.1 F190:8A FB State 1345
38
3.199.1 F190:8B FB State 1345
39
3.199.1 F190:8C FB State 1346
40
3.199.1 F190:8D FB State 1346
41
3.199.1 F190:8E FB State 1346
42
3.199.1 F190:8F FB State 1346
43
3.199.1 F190:90 FB State 1347
44
3.199.1 F190:91 FB State 1347
45
3.199.1 F190:92 FB State 1347
46
3.199.1 F190:93 FB State 1348
47
3.199.1 F190:94 FB State 1348
48
3.199.1 F190:95 FB State 1348
49
3.199.1 F190:96 FB State 1348
50
3.199.1 F190:97 FB State 1349
51

3.199.1 F190:98 FB State 1349
52
3.199.1 F190:99 FB State 1349
53
3.199.1 F190:9A FB State 1350
54
3.199.1 F190:9B FB State 1350
55
3.199.1 F190:9C FB State 1350
56
3.199.1 F190:9D FB State 1350
57
3.199.1 F190:9E FB State 1351
58
3.199.1 F190:9F FB State 1351
59
3.199.1 F190:A0 FB State 1351
60
3.199.1 F190:A1 FB State 1352
61
3.199.1 F190:A2 FB State 1352
62
3.199.1 F190:A3 FB State 1352
63
3.199.1 F190:A4 FB State 1352
64
3.199.1 F190:A5 FB State 1353
65
3.199.1 F190:A6 FB State 1353
66
3.199.1 F190:A7 FB State 1353
67
3.199.1 F190:A8 FB State 1354
68
3.199.1 F190:A9 FB State 1354
69
3.199.1 F190:AA FB State 1354
70
3.199.1 F190:AB FB State 1354
71
3.199.1 F190:AC FB State 1355
72
3.199.1 F190:AD FB State 1355
73
3.199.1 F190:AE FB State 1355
74
3.199.1 F190:AF FB State 1356
75
3.199.1 F190:B0 FB State 1356
76
3.199.1 F190:B1 FB State 1356
77

3.199.1 F190:B2 FB State 1356
78
3.199.1 F190:B3 FB State 1357
79
3.199.1 F190:B4 FB State 1357
80
3.199.1 F190:B5 FB State 1357
81
3.199.1 F190:B6 FB State 1358
82
3.199.1 F190:B7 FB State 1358
83
3.199.1 F190:B8 FB State 1358
84
3.199.1 F190:B9 FB State 1358
85
3.199.1 F190:BA FB State 1359
86
3.199.1 F190:BB FB State 1359
87
3.199.1 F190:BC FB State 1359
88
3.199.1 F190:BD FB State 1360
89
3.199.1 F190:BE FB State 1360
90
3.199.1 F190:BF FB State 1360
91
3.199.1 F190:C0 FB State 1360
92
3.199.1 F190:C1 FB State 1361
93
3.199.1 F190:C2 FB State 1361
94
3.199.1 F190:C3 FB State 1361
95
3.199.1 F190:C4 FB State 1362
96
3.199.1 F190:C5 FB State 1362
97
3.199.1 F190:C6 FB State 1362
98
3.199.1 F190:C7 FB State 1362
99
3.199.2 F190:C8 FB State 1363
00
3.199.2 F190:C9 FB State 1363
01
3.199.2 F190:CA FB State 1363
02
3.199.2 F190:CB FB State 1364
03
3.199.2 F190:CC FB State 1364
04

3.199.2 F190:CD FB State 1364
05
3.199.2 F190:CE FB State 1364
06
3.199.2 F190:CF FB State 1365
07
3.199.2 F190:D0 FB State 1365
08
3.199.2 F190:D1 FB State 1365
09
3.199.2 F190:D2 FB State 1366
10
3.199.2 F190:D3 FB State 1366
11
3.199.2 F190:D4 FB State 1366
12
3.200 F191:x Connection Diag 1367
3.200.1 F191:01 FB State 1367
3.200.2 F191:02 FB State 1367
3.200.3 F191:03 FB State 1367
3.200.4 F191:04 FB State 1368
3.200.5 F191:05 FB State 1368
3.200.6 F191:06 FB State 1368
3.200.7 F191:07 FB State 1369
3.200.8 F191:08 FB State 1369
3.200.9 F191:09 FB State 1369
3.200.1 F191:0A FB State 1369
0
3.200.1 F191:0B FB State 1370
1
3.200.1 F191:0C FB State 1370
2
3.200.1 F191:0D FB State 1370
3
3.200.1 F191:0E FB State 1371
4
3.200.1 F191:0F FB State 1371
5
3.200.1 F191:10 FB State 1371
6
3.200.1 F191:11 FB State 1371
7
3.200.1 F191:12 FB State 1372
8
3.200.1 F191:13 FB State 1372
9
3.200.2 F191:14 FB State 1372
0
3.200.2 F191:15 FB State 1373
1
3.200.2 F191:16 FB State 1373
2

3.200.2 F191:17 FB State 1373
3.200.2 F191:18 FB State 1373
3.200.2 F191:19 FB State 1374
3.200.2 F191:1A FB State 1374
3.200.2 F191:1B FB State 1374
3.200.2 F191:1C FB State 1375
3.200.2 F191:1D FB State 1375
3.200.3 F191:1E FB State 1375
3.200.3 F191:1F FB State 1375
3.200.3 F191:20 FB State 1376
3.200.3 F191:21 FB State 1376
3.200.3 F191:22 FB State 1376
3.200.3 F191:23 FB State 1377
3.200.3 F191:24 FB State 1377
3.200.3 F191:25 FB State 1377
3.200.3 F191:26 FB State 1377
3.200.3 F191:27 FB State 1378
3.200.4 F191:28 FB State 1378
3.200.4 F191:29 FB State 1378
3.200.4 F191:2A FB State 1379
3.200.4 F191:2B FB State 1379
3.200.4 F191:2C FB State 1379
3.200.4 F191:2D FB State 1379
3.200.4 F191:2E FB State 1380
3.200.4 F191:2F FB State 1380
3.200.4 F191:30 FB State 1380
3.200.4 F191:31 FB State 1381

3.200.5 F191:32 FB State 13810
3.200.5 F191:33 FB State 13811
3.200.5 F191:34 FB State 13812
3.200.5 F191:35 FB State 13823
3.200.5 F191:36 FB State 13824
3.200.5 F191:37 FB State 13825
3.200.5 F191:38 FB State 13836
3.200.5 F191:39 FB State 13837
3.200.5 F191:3A FB State 13838
3.200.5 F191:3B FB State 13839
3.200.6 F191:3C FB State 13840
3.200.6 F191:3D FB State 13841
3.200.6 F191:3E FB State 13842
3.200.6 F191:3F FB State 13853
3.200.6 F191:40 FB State 13854
3.200.6 F191:41 FB State 13855
3.200.6 F191:42 FB State 13856
3.200.6 F191:43 FB State 13867
3.200.6 F191:44 FB State 13868
3.200.6 F191:45 FB State 13869
3.200.7 F191:46 FB State 13870
3.200.7 F191:47 FB State 13871
3.200.7 F191:48 FB State 13872
3.200.7 F191:49 FB State 13873
3.200.7 F191:4A FB State 13884
3.200.7 F191:4B FB State 13885

3.200.7 F191:4C FB State 1388
6
3.200.7 F191:4D FB State 1389
7
3.200.7 F191:4E FB State 1389
8
3.200.7 F191:4F FB State 1389
9
3.200.8 F191:50 FB State 1389
0
3.200.8 F191:51 FB State 1390
1
3.200.8 F191:52 FB State 1390
2
3.200.8 F191:53 FB State 1390
3
3.200.8 F191:54 FB State 1391
4
3.200.8 F191:55 FB State 1391
5
3.200.8 F191:56 FB State 1391
6
3.200.8 F191:57 FB State 1391
7
3.200.8 F191:58 FB State 1392
8
3.200.8 F191:59 FB State 1392
9
3.200.9 F191:5A FB State 1392
0
3.200.9 F191:5B FB State 1393
1
3.200.9 F191:5C FB State 1393
2
3.200.9 F191:5D FB State 1393
3
3.200.9 F191:5E FB State 1393
4
3.200.9 F191:5F FB State 1394
5
3.200.9 F191:60 FB State 1394
6
3.200.9 F191:61 FB State 1394
7
3.200.9 F191:62 FB State 1395
8
3.200.9 F191:63 FB State 1395
9
3.200.1 F191:64 FB State 1395
00
3.200.1 F191:65 FB State 1395
01
3.200.1 F191:66 FB State 1396
02

3.200.1 F191:67 FB State 1396 03
3.200.1 F191:68 FB State 1396 04
3.200.1 F191:69 FB State 1397 05
3.200.1 F191:6A FB State 1397 06
3.200.1 F191:6B FB State 1397 07
3.200.1 F191:6C FB State 1397 08
3.200.1 F191:6D FB State 1398 09
3.200.1 F191:6E FB State 1398 10
3.200.1 F191:6F FB State 1398 11
3.200.1 F191:70 FB State 1399 12
3.200.1 F191:71 FB State 1399 13
3.200.1 F191:72 FB State 1399 14
3.200.1 F191:73 FB State 1399 15
3.200.1 F191:74 FB State 1400 16
3.200.1 F191:75 FB State 1400 17
3.200.1 F191:76 FB State 1400 18
3.200.1 F191:77 FB State 1401 19
3.200.1 F191:78 FB State 1401 20
3.200.1 F191:79 FB State 1401 21
3.200.1 F191:7A FB State 1401 22
3.200.1 F191:7B FB State 1402 23
3.200.1 F191:7C FB State 1402 24
3.200.1 F191:7D FB State 1402 25
3.200.1 F191:7E FB State 1403 26
3.200.1 F191:7F FB State 1403 27
3.200.1 F191:80 FB State 1403 28

3.200.1 F191:81 FB State 1403
29
3.200.1 F191:82 FB State 1404
30
3.200.1 F191:83 FB State 1404
31
3.200.1 F191:84 FB State 1404
32
3.200.1 F191:85 FB State 1405
33
3.200.1 F191:86 FB State 1405
34
3.200.1 F191:87 FB State 1405
35
3.200.1 F191:88 FB State 1405
36
3.200.1 F191:89 FB State 1406
37
3.200.1 F191:8A FB State 1406
38
3.200.1 F191:8B FB State 1406
39
3.200.1 F191:8C FB State 1407
40
3.200.1 F191:8D FB State 1407
41
3.200.1 F191:8E FB State 1407
42
3.200.1 F191:8F FB State 1407
43
3.200.1 F191:90 FB State 1408
44
3.200.1 F191:91 FB State 1408
45
3.200.1 F191:92 FB State 1408
46
3.200.1 F191:93 FB State 1409
47
3.200.1 F191:94 FB State 1409
48
3.200.1 F191:95 FB State 1409
49
3.200.1 F191:96 FB State 1409
50
3.200.1 F191:97 FB State 1410
51
3.200.1 F191:98 FB State 1410
52
3.200.1 F191:99 FB State 1410
53
3.200.1 F191:9A FB State 1411
54
3.200.1 F191:9B FB State 1411
55

3.200.1 F191:9C FB State 1411
56
3.200.1 F191:9D FB State 1411
57
3.200.1 F191:9E FB State 1412
58
3.200.1 F191:9F FB State 1412
59
3.200.1 F191:A0 FB State 1412
60
3.200.1 F191:A1 FB State 1413
61
3.200.1 F191:A2 FB State 1413
62
3.200.1 F191:A3 FB State 1413
63
3.200.1 F191:A4 FB State 1413
64
3.200.1 F191:A5 FB State 1414
65
3.200.1 F191:A6 FB State 1414
66
3.200.1 F191:A7 FB State 1414
67
3.200.1 F191:A8 FB State 1415
68
3.200.1 F191:A9 FB State 1415
69
3.200.1 F191:AA FB State 1415
70
3.200.1 F191:AB FB State 1415
71
3.200.1 F191:AC FB State 1416
72
3.200.1 F191:AD FB State 1416
73
3.200.1 F191:AE FB State 1416
74
3.200.1 F191:AF FB State 1417
75
3.200.1 F191:B0 FB State 1417
76
3.200.1 F191:B1 FB State 1417
77
3.200.1 F191:B2 FB State 1417
78
3.200.1 F191:B3 FB State 1418
79
3.200.1 F191:B4 FB State 1418
80
3.200.1 F191:B5 FB State 1418
81

3.200.1 F191:B6 FB State 1419
82
3.200.1 F191:B7 FB State 1419
83
3.200.1 F191:B8 FB State 1419
84
3.200.1 F191:B9 FB State 1419
85
3.200.1 F191:BA FB State 1420
86
3.200.1 F191:BB FB State 1420
87
3.200.1 F191:BC FB State 1420
88
3.200.1 F191:BD FB State 1421
89
3.200.1 F191:BE FB State 1421
90
3.200.1 F191:BF FB State 1421
91
3.200.1 F191:C0 FB State 1421
92
3.200.1 F191:C1 FB State 1422
93
3.200.1 F191:C2 FB State 1422
94
3.200.1 F191:C3 FB State 1422
95
3.200.1 F191:C4 FB State 1423
96
3.200.1 F191:C5 FB State 1423
97
3.200.1 F191:C6 FB State 1423
98
3.200.1 F191:C7 FB State 1423
99
3.200.2 F191:C8 FB State 1424
00
3.200.2 F191:C9 FB State 1424
01
3.200.2 F191:CA FB State 1424
02
3.200.2 F191:CB FB State 1425
03
3.200.2 F191:CC FB State 1425
04
3.200.2 F191:CD FB State 1425
05
3.200.2 F191:CE FB State 1425
06
3.200.2 F191:CF FB State 1426
07
3.200.2 F191:D0 FB State 1426
08

3.200.2 F191:D1 FB State 142609
3.200.2 F191:D2 FB State 142710
3.200.2 F191:D3 FB State 142711
3.200.2 F191:D4 FB State 142712
3.201 F192:x Group State 1428
3.201.1 F192:01 FB State 1428
3.201.2 F192:02 FB State 1428
3.201.3 F192:03 FB State 1428
3.201.4 F192:04 FB State 1429
3.201.5 F192:05 FB State 1429
3.201.6 F192:06 FB State 1429
3.201.7 F192:07 FB State 1430
3.201.8 F192:08 FB State 1430
3.201.9 F192:09 FB State 1430
3.201.1 F192:0A FB State 14300
3.201.1 F192:0B FB State 14311
3.201.1 F192:0C FB State 14312
3.201.1 F192:0D FB State 14313
3.201.1 F192:0E FB State 14324
3.201.1 F192:0F FB State 14325
3.201.1 F192:10 FB State 14326
3.201.1 F192:11 FB State 14327
3.201.1 F192:12 FB State 14338
3.201.1 F192:13 FB State 14339
3.201.2 F192:14 FB State 14330
3.201.2 F192:15 FB State 14341
3.201.2 F192:16 FB State 14342
3.201.2 F192:17 FB State 14343
3.201.2 F192:18 FB State 14344
3.201.2 F192:19 FB State 14355
3.201.2 F192:1A FB State 14356

3.201.2 F192:1B FB State 1435
7
3.201.2 F192:1C FB State 1436
8
3.201.2 F192:1D FB State 1436
9
3.201.3 F192:1E FB State 1436
0
3.201.3 F192:1F FB State 1436
1
3.201.3 F192:20 FB State 1437
2
3.201.3 F192:21 FB State 1437
3
3.201.3 F192:22 FB State 1437
4
3.201.3 F192:23 FB State 1438
5
3.201.3 F192:24 FB State 1438
6
3.201.3 F192:25 FB State 1438
7
3.201.3 F192:26 FB State 1438
8
3.201.3 F192:27 FB State 1439
9
3.201.4 F192:28 FB State 1439
0
3.201.4 F192:29 FB State 1439
1
3.201.4 F192:2A FB State 1440
2
3.201.4 F192:2B FB State 1440
3
3.201.4 F192:2C FB State 1440
4
3.201.4 F192:2D FB State 1440
5
3.201.4 F192:2E FB State 1441
6
3.201.4 F192:2F FB State 1441
7
3.201.4 F192:30 FB State 1441
8
3.201.4 F192:31 FB State 1442
9
3.201.5 F192:32 FB State 1442
0
3.201.5 F192:33 FB State 1442
1
3.201.5 F192:34 FB State 1442
2
3.201.5 F192:35 FB State 1443
3

3.201.5 F192:36 FB State 1443
4
3.201.5 F192:37 FB State 1443
5
3.201.5 F192:38 FB State 1444
6
3.201.5 F192:39 FB State 1444
7
3.201.5 F192:3A FB State 1444
8
3.201.5 F192:3B FB State 1444
9
3.201.6 F192:3C FB State 1445
0
3.201.6 F192:3D FB State 1445
1
3.201.6 F192:3E FB State 1445
2
3.201.6 F192:3F FB State 1446
3
3.201.6 F192:40 FB State 1446
4
3.201.6 F192:41 FB State 1446
5
3.201.6 F192:42 FB State 1446
6
3.201.6 F192:43 FB State 1447
7
3.201.6 F192:44 FB State 1447
8
3.201.6 F192:45 FB State 1447
9
3.201.7 F192:46 FB State 1448
0
3.201.7 F192:47 FB State 1448
1
3.201.7 F192:48 FB State 1448
2
3.201.7 F192:49 FB State 1448
3
3.201.7 F192:4A FB State 1449
4
3.201.7 F192:4B FB State 1449
5
3.201.7 F192:4C FB State 1449
6
3.201.7 F192:4D FB State 1450
7
3.201.7 F192:4E FB State 1450
8
3.201.7 F192:4F FB State 1450
9

3.201.8 F192:50 FB State 1450
0
3.201.8 F192:51 FB State 1451
1
3.201.8 F192:52 FB State 1451
2
3.201.8 F192:53 FB State 1451
3
3.201.8 F192:54 FB State 1452
4
3.201.8 F192:55 FB State 1452
5
3.201.8 F192:56 FB State 1452
6
3.201.8 F192:57 FB State 1452
7
3.201.8 F192:58 FB State 1453
8
3.201.8 F192:59 FB State 1453
9
3.201.9 F192:5A FB State 1453
0
3.201.9 F192:5B FB State 1454
1
3.201.9 F192:5C FB State 1454
2
3.201.9 F192:5D FB State 1454
3
3.201.9 F192:5E FB State 1454
4
3.201.9 F192:5F FB State 1455
5
3.201.9 F192:60 FB State 1455
6
3.201.9 F192:61 FB State 1455
7
3.201.9 F192:62 FB State 1456
8
3.201.9 F192:63 FB State 1456
9
3.201.1 F192:64 FB State 1456
00
3.201.1 F192:65 FB State 1456
01
3.201.1 F192:66 FB State 1457
02
3.201.1 F192:67 FB State 1457
03
3.201.1 F192:68 FB State 1457
04
3.201.1 F192:69 FB State 1458
05
3.201.1 F192:6A FB State 1458
06

3.201.1 F192:6B FB State 1458
07
3.201.1 F192:6C FB State 1458
08
3.201.1 F192:6D FB State 1459
09
3.201.1 F192:6E FB State 1459
10
3.201.1 F192:6F FB State 1459
11
3.201.1 F192:70 FB State 1460
12
3.201.1 F192:71 FB State 1460
13
3.201.1 F192:72 FB State 1460
14
3.201.1 F192:73 FB State 1460
15
3.201.1 F192:74 FB State 1461
16
3.201.1 F192:75 FB State 1461
17
3.201.1 F192:76 FB State 1461
18
3.201.1 F192:77 FB State 1462
19
3.201.1 F192:78 FB State 1462
20
3.201.1 F192:79 FB State 1462
21
3.201.1 F192:7A FB State 1462
22
3.201.1 F192:7B FB State 1463
23
3.201.1 F192:7C FB State 1463
24
3.201.1 F192:7D FB State 1463
25
3.201.1 F192:7E FB State 1464
26
3.201.1 F192:7F FB State 1464
27
3.201.1 F192:80 FB State 1464
28
3.202 F193:x Group Diag 1465
3.202.1 F193:01 FB State 1465
3.202.2 F193:02 FB State 1465
3.202.3 F193:03 FB State 1465
3.202.4 F193:04 FB State 1466
3.202.5 F193:05 FB State 1466
3.202.6 F193:06 FB State 1466
3.202.7 F193:07 FB State 1467

3.202.8 F193:08 FB State 1467
3.202.9 F193:09 FB State 1467
3.202.10 F193:0A FB State 1467
3.202.11 F193:0B FB State 1468
3.202.12 F193:0C FB State 1468
3.202.13 F193:0D FB State 1468
3.202.14 F193:0E FB State 1469
3.202.15 F193:0F FB State 1469
3.202.16 F193:10 FB State 1469
3.202.17 F193:11 FB State 1469
3.202.18 F193:12 FB State 1470
3.202.19 F193:13 FB State 1470
3.202.20 F193:14 FB State 1470
3.202.21 F193:15 FB State 1471
3.202.22 F193:16 FB State 1471
3.202.23 F193:17 FB State 1471
3.202.24 F193:18 FB State 1471
3.202.25 F193:19 FB State 1472
3.202.26 F193:1A FB State 1472
3.202.27 F193:1B FB State 1472
3.202.28 F193:1C FB State 1473
3.202.29 F193:1D FB State 1473
3.202.30 F193:1E FB State 1473
3.202.31 F193:1F FB State 1473
3.202.32 F193:20 FB State 1474
3.202.33 F193:21 FB State 1474
3.202.34 F193:22 FB State 1474
3.202.35 F193:23 FB State 1475

3.202.3 F193:24 FB State 1475
6
3.202.3 F193:25 FB State 1475
7
3.202.3 F193:26 FB State 1475
8
3.202.3 F193:27 FB State 1476
9
3.202.4 F193:28 FB State 1476
0
3.202.4 F193:29 FB State 1476
1
3.202.4 F193:2A FB State 1477
2
3.202.4 F193:2B FB State 1477
3
3.202.4 F193:2C FB State 1477
4
3.202.4 F193:2D FB State 1477
5
3.202.4 F193:2E FB State 1478
6
3.202.4 F193:2F FB State 1478
7
3.202.4 F193:30 FB State 1478
8
3.202.4 F193:31 FB State 1479
9
3.202.5 F193:32 FB State 1479
0
3.202.5 F193:33 FB State 1479
1
3.202.5 F193:34 FB State 1479
2
3.202.5 F193:35 FB State 1480
3
3.202.5 F193:36 FB State 1480
4
3.202.5 F193:37 FB State 1480
5
3.202.5 F193:38 FB State 1481
6
3.202.5 F193:39 FB State 1481
7
3.202.5 F193:3A FB State 1481
8
3.202.5 F193:3B FB State 1481
9
3.202.6 F193:3C FB State 1482
0
3.202.6 F193:3D FB State 1482
1

3.202.6 F193:3E FB State 1482
3.202.6 F193:3F FB State 1483
3.202.6 F193:40 FB State 1483
3.202.6 F193:41 FB State 1483
3.202.6 F193:42 FB State 1483
3.202.6 F193:43 FB State 1484
3.202.6 F193:44 FB State 1484
3.202.6 F193:45 FB State 1484
3.202.7 F193:46 FB State 1485
3.202.7 F193:47 FB State 1485
3.202.7 F193:48 FB State 1485
3.202.7 F193:49 FB State 1485
3.202.7 F193:4A FB State 1486
3.202.7 F193:4B FB State 1486
3.202.7 F193:4C FB State 1486
3.202.7 F193:4D FB State 1487
3.202.7 F193:4E FB State 1487
3.202.7 F193:4F FB State 1487
3.202.8 F193:50 FB State 1487
3.202.8 F193:51 FB State 1488
3.202.8 F193:52 FB State 1488
3.202.8 F193:53 FB State 1488
3.202.8 F193:54 FB State 1489
3.202.8 F193:55 FB State 1489
3.202.8 F193:56 FB State 1489
3.202.8 F193:57 FB State 1489
3.202.8 F193:58 FB State 1490

3.202.8 F193:59 FB State 14909
3.202.9 F193:5A FB State 14900
3.202.9 F193:5B FB State 14911
3.202.9 F193:5C FB State 14912
3.202.9 F193:5D FB State 14913
3.202.9 F193:5E FB State 14914
3.202.9 F193:5F FB State 14925
3.202.9 F193:60 FB State 14926
3.202.9 F193:61 FB State 14927
3.202.9 F193:62 FB State 14938
3.202.9 F193:63 FB State 14939
3.202.1 F193:64 FB State 149300
3.202.1 F193:65 FB State 149301
3.202.1 F193:66 FB State 149402
3.202.1 F193:67 FB State 149403
3.202.1 F193:68 FB State 149404
3.202.1 F193:69 FB State 149505
3.202.1 F193:6A FB State 149506
3.202.1 F193:6B FB State 149507
3.202.1 F193:6C FB State 149508
3.202.1 F193:6D FB State 149609
3.202.1 F193:6E FB State 149610
3.202.1 F193:6F FB State 149611
3.202.1 F193:70 FB State 149712
3.202.1 F193:71 FB State 149713
3.202.1 F193:72 FB State 149714

3.202.1 F193:73 FB State 1497
15
3.202.1 F193:74 FB State 1498
16
3.202.1 F193:75 FB State 1498
17
3.202.1 F193:76 FB State 1498
18
3.202.1 F193:77 FB State 1499
19
3.202.1 F193:78 FB State 1499
20
3.202.1 F193:79 FB State 1499
21
3.202.1 F193:7A FB State 1499
22
3.202.1 F193:7B FB State 1500
23
3.202.1 F193:7C FB State 1500
24
3.202.1 F193:7D FB State 1500
25
3.202.1 F193:7E FB State 1501
26
3.202.1 F193:7F FB State 1501
27
3.202.1 F193:80 FB State 1501
28
3.203 F601:x FSOE Safe BOOL Inputs 1502
3.203.1 F601:01 Safe Input 1502
3.203.2 F601:02 Safe Input 1502
3.203.3 F601:03 Safe Input 1502
3.203.4 F601:04 Safe Input 1503
3.203.5 F601:05 Safe Input 1503
3.203.6 F601:06 Safe Input 1503
3.203.7 F601:07 Safe Input 1504
3.203.8 F601:08 Safe Input 1504
3.203.9 F601:09 Safe Input 1504
3.203.1 F601:0A Safe Input 1504
0
3.203.1 F601:0B Safe Input 1505
1
3.203.1 F601:0C Safe Input 1505
2
3.203.1 F601:0D Safe Input 1505
3
3.203.1 F601:0E Safe Input 1506
4
3.203.1 F601:0F Safe Input 1506
5
3.203.1 F601:10 Safe Input 1506
6

3.203.1 F601:11 Safe Input 1506
7
3.203.1 F601:12 Safe Input 1507
8
3.203.1 F601:13 Safe Input 1507
9
3.203.2 F601:14 Safe Input 1507
0
3.203.2 F601:15 Safe Input 1508
1
3.203.2 F601:16 Safe Input 1508
2
3.203.2 F601:17 Safe Input 1508
3
3.203.2 F601:18 Safe Input 1508
4
3.203.2 F601:19 Safe Input 1509
5
3.203.2 F601:1A Safe Input 1509
6
3.203.2 F601:1B Safe Input 1509
7
3.203.2 F601:1C Safe Input 1510
8
3.203.2 F601:1D Safe Input 1510
9
3.203.3 F601:1E Safe Input 1510
0
3.203.3 F601:1F Safe Input 1510
1
3.203.3 F601:20 Safe Input 1511
2
3.203.3 F601:21 Safe Input 1511
3
3.203.3 F601:22 Safe Input 1511
4
3.203.3 F601:23 Safe Input 1512
5
3.203.3 F601:24 Safe Input 1512
6
3.203.3 F601:25 Safe Input 1512
7
3.203.3 F601:26 Safe Input 1512
8
3.203.3 F601:27 Safe Input 1513
9
3.203.4 F601:28 Safe Input 1513
0
3.203.4 F601:29 Safe Input 1513
1
3.203.4 F601:2A Safe Input 1514
2

3.203.4 F601:2B Safe Input 1513
3.203.4 F601:2C Safe Input 1514
3.203.4 F601:2D Safe Input 1514
3.203.4 F601:2E Safe Input 1515
3.203.4 F601:2F Safe Input 1515
3.203.4 F601:30 Safe Input 1515
3.203.4 F601:31 Safe Input 1516
3.203.5 F601:32 Safe Input 1516
3.203.5 F601:33 Safe Input 1516
3.203.5 F601:34 Safe Input 1516
3.203.5 F601:35 Safe Input 1517
3.203.5 F601:36 Safe Input 1517
3.203.5 F601:37 Safe Input 1517
3.203.5 F601:38 Safe Input 1518
3.203.5 F601:39 Safe Input 1518
3.203.5 F601:3A Safe Input 1518
3.203.5 F601:3B Safe Input 1518
3.203.6 F601:3C Safe Input 1519
3.203.6 F601:3D Safe Input 1519
3.203.6 F601:3E Safe Input 1519
3.203.6 F601:3F Safe Input 1520
3.203.6 F601:40 Safe Input 1520
3.203.6 F601:41 Safe Input 1520
3.203.6 F601:42 Safe Input 1520
3.203.6 F601:43 Safe Input 1521
3.203.6 F601:44 Safe Input 1521
3.203.6 F601:45 Safe Input 1521

3.203.7 F601:46 Safe Input 1522
0
3.203.7 F601:47 Safe Input 1522
1
3.203.7 F601:48 Safe Input 1522
2
3.203.7 F601:49 Safe Input 1522
3
3.203.7 F601:4A Safe Input 1523
4
3.203.7 F601:4B Safe Input 1523
5
3.203.7 F601:4C Safe Input 1523
6
3.203.7 F601:4D Safe Input 1524
7
3.203.7 F601:4E Safe Input 1524
8
3.203.7 F601:4F Safe Input 1524
9
3.203.8 F601:50 Safe Input 1524
0
3.203.8 F601:51 Safe Input 1525
1
3.203.8 F601:52 Safe Input 1525
2
3.203.8 F601:53 Safe Input 1525
3
3.203.8 F601:54 Safe Input 1526
4
3.203.8 F601:55 Safe Input 1526
5
3.203.8 F601:56 Safe Input 1526
6
3.203.8 F601:57 Safe Input 1526
7
3.203.8 F601:58 Safe Input 1527
8
3.203.8 F601:59 Safe Input 1527
9
3.203.9 F601:5A Safe Input 1527
0
3.203.9 F601:5B Safe Input 1528
1
3.203.9 F601:5C Safe Input 1528
2
3.203.9 F601:5D Safe Input 1528
3
3.203.9 F601:5E Safe Input 1528
4
3.203.9 F601:5F Safe Input 1529
5

3.203.9 F601:60 Safe Input 1529
6
3.203.9 F601:61 Safe Input 1529
7
3.203.9 F601:62 Safe Input 1530
8
3.203.9 F601:63 Safe Input 1530
9
3.203.1 F601:64 Safe Input 1530
00
3.203.1 F601:65 Safe Input 1530
01
3.203.1 F601:66 Safe Input 1531
02
3.203.1 F601:67 Safe Input 1531
03
3.203.1 F601:68 Safe Input 1531
04
3.203.1 F601:69 Safe Input 1532
05
3.203.1 F601:6A Safe Input 1532
06
3.203.1 F601:6B Safe Input 1532
07
3.203.1 F601:6C Safe Input 1532
08
3.203.1 F601:6D Safe Input 1533
09
3.203.1 F601:6E Safe Input 1533
10
3.203.1 F601:6F Safe Input 1533
11
3.203.1 F601:70 Safe Input 1534
12
3.203.1 F601:71 Safe Input 1534
13
3.203.1 F601:72 Safe Input 1534
14
3.203.1 F601:73 Safe Input 1534
15
3.203.1 F601:74 Safe Input 1535
16
3.203.1 F601:75 Safe Input 1535
17
3.203.1 F601:76 Safe Input 1535
18
3.203.1 F601:77 Safe Input 1536
19
3.203.1 F601:78 Safe Input 1536
20
3.203.1 F601:79 Safe Input 1536
21
3.203.1 F601:7A Safe Input 1536
22

3.203.1 F601:7B Safe Input 1537
23
3.203.1 F601:7C Safe Input 1537
24
3.203.1 F601:7D Safe Input 1537
25
3.203.1 F601:7E Safe Input 1538
26
3.203.1 F601:7F Safe Input 1538
27
3.203.1 F601:80 Safe Input 1538
28
3.203.1 F601:81 Safe Input 1538
29
3.203.1 F601:82 Safe Input 1539
30
3.203.1 F601:83 Safe Input 1539
31
3.203.1 F601:84 Safe Input 1539
32
3.203.1 F601:85 Safe Input 1540
33
3.203.1 F601:86 Safe Input 1540
34
3.203.1 F601:87 Safe Input 1540
35
3.203.1 F601:88 Safe Input 1540
36
3.203.1 F601:89 Safe Input 1541
37
3.203.1 F601:8A Safe Input 1541
38
3.203.1 F601:8B Safe Input 1541
39
3.203.1 F601:8C Safe Input 1542
40
3.203.1 F601:8D Safe Input 1542
41
3.203.1 F601:8E Safe Input 1542
42
3.203.1 F601:8F Safe Input 1542
43
3.203.1 F601:90 Safe Input 1543
44
3.203.1 F601:91 Safe Input 1543
45
3.203.1 F601:92 Safe Input 1543
46
3.203.1 F601:93 Safe Input 1544
47
3.203.1 F601:94 Safe Input 1544
48

3.203.1 F601:95 Safe Input 1544
49
3.203.1 F601:96 Safe Input 1544
50
3.203.1 F601:97 Safe Input 1545
51
3.203.1 F601:98 Safe Input 1545
52
3.203.1 F601:99 Safe Input 1545
53
3.203.1 F601:9A Safe Input 1546
54
3.203.1 F601:9B Safe Input 1546
55
3.203.1 F601:9C Safe Input 1546
56
3.203.1 F601:9D Safe Input 1546
57
3.203.1 F601:9E Safe Input 1547
58
3.203.1 F601:9F Safe Input 1547
59
3.203.1 F601:A0 Safe Input 1547
60
3.203.1 F601:A1 Safe Input 1548
61
3.203.1 F601:A2 Safe Input 1548
62
3.203.1 F601:A3 Safe Input 1548
63
3.203.1 F601:A4 Safe Input 1548
64
3.203.1 F601:A5 Safe Input 1549
65
3.203.1 F601:A6 Safe Input 1549
66
3.203.1 F601:A7 Safe Input 1549
67
3.203.1 F601:A8 Safe Input 1550
68
3.203.1 F601:A9 Safe Input 1550
69
3.203.1 F601:AA Safe Input 1550
70
3.203.1 F601:AB Safe Input 1550
71
3.203.1 F601:AC Safe Input 1551
72
3.203.1 F601:AD Safe Input 1551
73
3.203.1 F601:AE Safe Input 1551
74
3.203.1 F601:AF Safe Input 1552
75

3.203.1 F601:B0 Safe Input 155276
3.203.1 F601:B1 Safe Input 155277
3.203.1 F601:B2 Safe Input 155278
3.203.1 F601:B3 Safe Input 155379
3.203.1 F601:B4 Safe Input 155380
3.203.1 F601:B5 Safe Input 155381
3.203.1 F601:B6 Safe Input 155482
3.203.1 F601:B7 Safe Input 155483
3.203.1 F601:B8 Safe Input 155484
3.203.1 F601:B9 Safe Input 155485
3.203.1 F601:BA Safe Input 155586
3.203.1 F601:BB Safe Input 155587
3.203.1 F601:BC Safe Input 155588
3.203.1 F601:BD Safe Input 155689
3.203.1 F601:BE Safe Input 155690
3.203.1 F601:BF Safe Input 155691
3.203.1 F601:C0 Safe Input 155692
3.203.1 F601:C1 Safe Input 155793
3.203.1 F601:C2 Safe Input 155794
3.203.1 F601:C3 Safe Input 155795
3.203.1 F601:C4 Safe Input 155896
3.203.1 F601:C5 Safe Input 155897
3.203.1 F601:C6 Safe Input 155898
3.203.1 F601:C7 Safe Input 155899
3.203.2 F601:C8 Safe Input 155900
3.203.2 F601:C9 Safe Input 155901

3.203.2 F601:CA Safe Input 1559
02
3.203.2 F601:CB Safe Input 1560
03
3.203.2 F601:CC Safe Input 1560
04
3.203.2 F601:CD Safe Input 1560
05
3.203.2 F601:CE Safe Input 1560
06
3.203.2 F601:CF Safe Input 1561
07
3.203.2 F601:D0 Safe Input 1561
08
3.203.2 F601:D1 Safe Input 1561
09
3.203.2 F601:D2 Safe Input 1562
10
3.203.2 F601:D3 Safe Input 1562
11
3.203.2 F601:D4 Safe Input 1562
12
3.203.2 F601:D5 Safe Input 1562
13
3.203.2 F601:D6 Safe Input 1563
14
3.203.2 F601:D7 Safe Input 1563
15
3.203.2 F601:D8 Safe Input 1563
16
3.203.2 F601:D9 Safe Input 1564
17
3.203.2 F601:DA Safe Input 1564
18
3.203.2 F601:DB Safe Input 1564
19
3.203.2 F601:DC Safe Input 1564
20
3.203.2 F601:DD Safe Input 1565
21
3.203.2 F601:DE Safe Input 1565
22
3.203.2 F601:DF Safe Input 1565
23
3.203.2 F601:E0 Safe Input 1566
24
3.204 F602:x FSOE Safe UINT16 Inputs 1567
3.204.1 F602:01 Safe Input Word 1567
3.204.2 F602:02 Safe Input Word 1567
3.204.3 F602:03 Safe Input Word 1567
3.204.4 F602:04 Safe Input Word 1568
3.204.5 F602:05 Safe Input Word 1568
3.204.6 F602:06 Safe Input Word 1568

3.204.7 F602:07 Safe Input Word 1569
3.204.8 F602:08 Safe Input Word 1569
3.204.9 F602:09 Safe Input Word 1569
3.204.10 F602:0A Safe Input Word 1569
3.204.11 F602:0B Safe Input Word 1570
3.204.12 F602:0C Safe Input Word 1570
3.204.13 F602:0D Safe Input Word 1570
3.204.14 F602:0E Safe Input Word 1571
3.204.15 F602:0F Safe Input Word 1571
3.204.16 F602:10 Safe Input Word 1571
3.204.17 F602:11 Safe Input Word 1571
3.204.18 F602:12 Safe Input Word 1572
3.204.19 F602:13 Safe Input Word 1572
3.204.20 F602:14 Safe Input Word 1572
3.204.21 F602:15 Safe Input Word 1573
3.204.22 F602:16 Safe Input Word 1573
3.204.23 F602:17 Safe Input Word 1573
3.204.24 F602:18 Safe Input Word 1573
3.204.25 F602:19 Safe Input Word 1574
3.204.26 F602:1A Safe Input Word 1574
3.204.27 F602:1B Safe Input Word 1574
3.204.28 F602:1C Safe Input Word 1575
3.204.29 F602:1D Safe Input Word 1575
3.204.30 F602:1E Safe Input Word 1575
3.204.31 F602:1F Safe Input Word 1575
3.205 F603:x FSOE Safe INT16 Inputs 1577
3.205.1 F603:01 Safe Input 1577
3.205.2 F603:02 Safe Input 1577
3.205.3 F603:03 Safe Input 1577
3.205.4 F603:04 Safe Input 1578

3.205.5 F603:05 Safe Input 1578
3.205.6 F603:06 Safe Input 1578
3.205.7 F603:07 Safe Input 1579
3.205.8 F603:08 Safe Input 1579
3.205.9 F603:09 Safe Input 1579
3.205.10 F603:0A Safe Input 1579
3.205.11 F603:0B Safe Input 1580
3.205.12 F603:0C Safe Input 1580
3.205.13 F603:0D Safe Input 1580
3.205.14 F603:0E Safe Input 1581
3.205.15 F603:0F Safe Input 1581
3.205.16 F603:10 Safe Input 1581
3.205.17 F603:11 Safe Input 1581
3.205.18 F603:12 Safe Input 1582
3.205.19 F603:13 Safe Input 1582
3.205.20 F603:14 Safe Input 1582
3.205.21 F603:15 Safe Input 1583
3.205.22 F603:16 Safe Input 1583
3.205.23 F603:17 Safe Input 1583
3.205.24 F603:18 Safe Input 1583
3.205.25 F603:19 Safe Input 1584
3.205.26 F603:1A Safe Input 1584
3.205.27 F603:1B Safe Input 1584
3.205.28 F603:1C Safe Input 1585
3.205.29 F603:1D Safe Input 1585
3.205.30 F603:1E Safe Input 1585
3.205.31 F603:1F Safe Input 1585
3.206 F604:x FSOE Safe UINT32 Inputs 1587
3.206.1 F604:01 Input 1 1587
3.206.2 F604:02 Input 1 1587
3.206.3 F604:03 Input 1 1587

3.206.4 F604:04 Input 1 1588
3.206.5 F604:05 Input 1 1588
3.206.6 F604:06 Input 1 1588
3.206.7 F604:07 Input 1 1589
3.206.8 F604:08 Input 1 1589
3.206.9 F604:09 Input 1 1589
3.206.10 F604:0A Input 1 1589
3.206.11 F604:0B Input 1 1590
3.206.12 F604:0C Input 1 1590
3.206.13 F604:0D Input 1 1590
3.206.14 F604:0E Input 1 1591
3.206.15 F604:0F Input 1 1591
3.207 F605:x FSOE Safe INT32 Inputs 1592
3.207.1 F605:01 Safe Input 1592
3.207.2 F605:02 Safe Input 1592
3.207.3 F605:03 Safe Input 1592
3.207.4 F605:04 Safe Input 1593
3.207.5 F605:05 Safe Input 1593
3.207.6 F605:06 Safe Input 1593
3.207.7 F605:07 Safe Input 1594
3.207.8 F605:08 Safe Input 1594
3.207.9 F605:09 Safe Input 1594
3.207.10 F605:0A Safe Input 1594
3.207.11 F605:0B Safe Input 1595
3.207.12 F605:0C Safe Input 1595
3.207.13 F605:0D Safe Input 1595
3.207.14 F605:0E Safe Input 1596
3.207.15 F605:0F Safe Input 1596
3.208 F606:x FSOE Std BOOL Inputs 1597
3.208.1 F606:01 Std Input 1597
3.208.2 F606:02 Std Input 1597
3.208.3 F606:03 Std Input 1597
3.208.4 F606:04 Std Input 1598
3.208.5 F606:05 Std Input 1598
3.208.6 F606:06 Std Input 1598
3.208.7 F606:07 Std Input 1599
3.208.8 F606:08 Std Input 1599

3.208.9 F606:09 Std Input 1599
3.208.10 F606:0A Std Input 1599
3.208.11 F606:0B Std Input 1600
3.208.12 F606:0C Std Input 1600
3.208.13 F606:0D Std Input 1600
3.208.14 F606:0E Std Input 1601
3.208.15 F606:0F Std Input 1601
3.208.16 F606:10 Std Input 1601
3.208.17 F606:11 Std Input 1601
3.208.18 F606:12 Std Input 1602
3.208.19 F606:13 Std Input 1602
3.208.20 F606:14 Std Input 1602
3.208.21 F606:15 Std Input 1603
3.208.22 F606:16 Std Input 1603
3.208.23 F606:17 Std Input 1603
3.208.24 F606:18 Std Input 1603
3.208.25 F606:19 Std Input 1604
3.208.26 F606:1A Std Input 1604
3.208.27 F606:1B Std Input 1604
3.208.28 F606:1C Std Input 1605
3.208.29 F606:1D Std Input 1605
3.208.30 F606:1E Std Input 1605
3.208.31 F606:1F Std Input 1605
3.208.32 F606:20 Std Input 1606
3.208.33 F606:21 Std Input 1606
3.208.34 F606:22 Std Input 1606
3.208.35 F606:23 Std Input 1607

3.208.3 F606:24 Std Input 16076
3.208.3 F606:25 Std Input 16077
3.208.3 F606:26 Std Input 16078
3.208.3 F606:27 Std Input 16089
3.208.4 F606:28 Std Input 16080
3.208.4 F606:29 Std Input 16081
3.208.4 F606:2A Std Input 16092
3.208.4 F606:2B Std Input 16093
3.208.4 F606:2C Std Input 16094
3.208.4 F606:2D Std Input 16095
3.208.4 F606:2E Std Input 16106
3.208.4 F606:2F Std Input 16107
3.208.4 F606:30 Std Input 16108
3.208.4 F606:31 Std Input 16119
3.208.5 F606:32 Std Input 16110
3.208.5 F606:33 Std Input 16111
3.208.5 F606:34 Std Input 16112
3.208.5 F606:35 Std Input 16123
3.208.5 F606:36 Std Input 16124
3.208.5 F606:37 Std Input 16125
3.208.5 F606:38 Std Input 16136
3.208.5 F606:39 Std Input 16137
3.208.5 F606:3A Std Input 16138
3.208.5 F606:3B Std Input 16139
3.208.6 F606:3C Std Input 16140
3.208.6 F606:3D Std Input 16141

3.208.6 F606:3E Std Input 1614
2
3.208.6 F606:3F Std Input 1615
3
3.208.6 F606:40 Std Input 1615
4
3.208.6 F606:41 Std Input 1615
5
3.208.6 F606:42 Std Input 1615
6
3.208.6 F606:43 Std Input 1616
7
3.208.6 F606:44 Std Input 1616
8
3.208.6 F606:45 Std Input 1616
9
3.208.7 F606:46 Std Input 1617
0
3.208.7 F606:47 Std Input 1617
1
3.208.7 F606:48 Std Input 1617
2
3.208.7 F606:49 Std Input 1617
3
3.208.7 F606:4A Std Input 1618
4
3.208.7 F606:4B Std Input 1618
5
3.208.7 F606:4C Std Input 1618
6
3.208.7 F606:4D Std Input 1619
7
3.208.7 F606:4E Std Input 1619
8
3.208.7 F606:4F Std Input 1619
9
3.208.8 F606:50 Std Input 1619
0
3.208.8 F606:51 Std Input 1620
1
3.208.8 F606:52 Std Input 1620
2
3.208.8 F606:53 Std Input 1620
3
3.208.8 F606:54 Std Input 1621
4
3.208.8 F606:55 Std Input 1621
5
3.208.8 F606:56 Std Input 1621
6
3.208.8 F606:57 Std Input 1621
7
3.208.8 F606:58 Std Input 1622
8

3.208.8 F606:59 Std Input 16229
3.208.9 F606:5A Std Input 16220
3.208.9 F606:5B Std Input 16231
3.208.9 F606:5C Std Input 16232
3.208.9 F606:5D Std Input 16233
3.208.9 F606:5E Std Input 16234
3.208.9 F606:5F Std Input 16245
3.208.9 F606:60 Std Input 16246
3.208.9 F606:61 Std Input 16247
3.208.9 F606:62 Std Input 16258
3.208.9 F606:63 Std Input 16259
3.208.1 F606:64 Std Input 16200
3.208.1 F606:65 Std Input 16201
3.208.1 F606:66 Std Input 16202
3.208.1 F606:67 Std Input 16203
3.208.1 F606:68 Std Input 16204
3.208.1 F606:69 Std Input 16205
3.208.1 F606:6A Std Input 16206
3.208.1 F606:6B Std Input 16207
3.208.1 F606:6C Std Input 16208
3.208.1 F606:6D Std Input 16209
3.208.1 F606:6E Std Input 16210
3.208.1 F606:6F Std Input 16211
3.208.1 F606:70 Std Input 16212
3.208.1 F606:71 Std Input 16213
3.208.1 F606:72 Std Input 16214

3.208.1 F606:73 Std Input 1629
15
3.208.1 F606:74 Std Input 1630
16
3.208.1 F606:75 Std Input 1630
17
3.208.1 F606:76 Std Input 1630
18
3.208.1 F606:77 Std Input 1631
19
3.208.1 F606:78 Std Input 1631
20
3.208.1 F606:79 Std Input 1631
21
3.208.1 F606:7A Std Input 1631
22
3.208.1 F606:7B Std Input 1632
23
3.208.1 F606:7C Std Input 1632
24
3.208.1 F606:7D Std Input 1632
25
3.208.1 F606:7E Std Input 1633
26
3.208.1 F606:7F Std Input 1633
27
3.208.1 F606:80 Std Input 1633
28
3.208.1 F606:81 Std Input 1633
29
3.208.1 F606:82 Std Input 1634
30
3.208.1 F606:83 Std Input 1634
31
3.208.1 F606:84 Std Input 1634
32
3.208.1 F606:85 Std Input 1635
33
3.208.1 F606:86 Std Input 1635
34
3.208.1 F606:87 Std Input 1635
35
3.208.1 F606:88 Std Input 1635
36
3.208.1 F606:89 Std Input 1636
37
3.208.1 F606:8A Std Input 1636
38
3.208.1 F606:8B Std Input 1636
39
3.208.1 F606:8C Std Input 1637
40
3.208.1 F606:8D Std Input 1637
41

3.208.1 F606:8E Std Input 1637
42
3.208.1 F606:8F Std Input 1637
43
3.208.1 F606:90 Std Input 1638
44
3.208.1 F606:91 Std Input 1638
45
3.208.1 F606:92 Std Input 1638
46
3.208.1 F606:93 Std Input 1639
47
3.208.1 F606:94 Std Input 1639
48
3.208.1 F606:95 Std Input 1639
49
3.208.1 F606:96 Std Input 1639
50
3.208.1 F606:97 Std Input 1640
51
3.208.1 F606:98 Std Input 1640
52
3.208.1 F606:99 Std Input 1640
53
3.208.1 F606:9A Std Input 1641
54
3.208.1 F606:9B Std Input 1641
55
3.208.1 F606:9C Std Input 1641
56
3.208.1 F606:9D Std Input 1641
57
3.208.1 F606:9E Std Input 1642
58
3.208.1 F606:9F Std Input 1642
59
3.208.1 F606:A0 Std Input 1642
60
3.208.1 F606:A1 Std Input 1643
61
3.208.1 F606:A2 Std Input 1643
62
3.208.1 F606:A3 Std Input 1643
63
3.208.1 F606:A4 Std Input 1643
64
3.208.1 F606:A5 Std Input 1644
65
3.208.1 F606:A6 Std Input 1644
66
3.208.1 F606:A7 Std Input 1644
67

3.208.1 F606:A8 Std Input 1645
68
3.208.1 F606:A9 Std Input 1645
69
3.208.1 F606:AA Std Input 1645
70
3.208.1 F606:AB Std Input 1645
71
3.208.1 F606:AC Std Input 1646
72
3.208.1 F606:AD Std Input 1646
73
3.208.1 F606:AE Std Input 1646
74
3.208.1 F606:AF Std Input 1647
75
3.208.1 F606:B0 Std Input 1647
76
3.208.1 F606:B1 Std Input 1647
77
3.208.1 F606:B2 Std Input 1647
78
3.208.1 F606:B3 Std Input 1648
79
3.208.1 F606:B4 Std Input 1648
80
3.208.1 F606:B5 Std Input 1648
81
3.208.1 F606:B6 Std Input 1649
82
3.208.1 F606:B7 Std Input 1649
83
3.208.1 F606:B8 Std Input 1649
84
3.208.1 F606:B9 Std Input 1649
85
3.208.1 F606:BA Std Input 1650
86
3.208.1 F606:BB Std Input 1650
87
3.208.1 F606:BC Std Input 1650
88
3.208.1 F606:BD Std Input 1651
89
3.208.1 F606:BE Std Input 1651
90
3.208.1 F606:BF Std Input 1651
91
3.208.1 F606:C0 Std Input 1651
92
3.208.1 F606:C1 Std Input 1652
93
3.208.1 F606:C2 Std Input 1652
94

3.208.1 F606:C3 Std Input 165295
3.208.1 F606:C4 Std Input 165396
3.208.1 F606:C5 Std Input 165397
3.208.1 F606:C6 Std Input 165398
3.208.1 F606:C7 Std Input 165399
3.208.2 F606:C8 Std Input 165400
3.208.2 F606:C9 Std Input 165401
3.208.2 F606:CA Std Input 165402
3.208.2 F606:CB Std Input 165503
3.208.2 F606:CC Std Input 165504
3.208.2 F606:CD Std Input 165505
3.208.2 F606:CE Std Input 165506
3.208.2 F606:CF Std Input 165607
3.208.2 F606:D0 Std Input 165608
3.208.2 F606:D1 Std Input 165609
3.208.2 F606:D2 Std Input 165710
3.208.2 F606:D3 Std Input 165711
3.208.2 F606:D4 Std Input 165712
3.208.2 F606:D5 Std Input 165713
3.208.2 F606:D6 Std Input 165814
3.208.2 F606:D7 Std Input 165815
3.208.2 F606:D8 Std Input 165816
3.208.2 F606:D9 Std Input 165917
3.208.2 F606:DA Std Input 165918
3.208.2 F606:DB Std Input 165919
3.208.2 F606:DC Std Input 165920

3.208.2 F606:DD Std Input ... 16021
3.208.2 F606:DE Std Input ... 16022
3.208.2 F606:DF Std Input ... 16023
3.208.2 F606:E0 Std Input ... 16124
3.209 F607:x FSOE Std UINT16 Inputs ... 1662
3.209.1 F607:01 Std Input ... 1662
3.209.2 F607:02 Std Input ... 1662
3.209.3 F607:03 Std Input ... 1662
3.209.4 F607:04 Std Input ... 1663
3.209.5 F607:05 Std Input ... 1663
3.209.6 F607:06 Std Input ... 1663
3.209.7 F607:07 Std Input ... 1664
3.209.8 F607:08 Std Input ... 1664
3.209.9 F607:09 Std Input ... 1664
3.209.1 F607:0A Std Input ... 16640
3.209.1 F607:0B Std Input ... 16651
3.209.1 F607:0C Std Input ... 16652
3.209.1 F607:0D Std Input ... 16653
3.209.1 F607:0E Std Input ... 16664
3.209.1 F607:0F Std Input ... 16665
3.209.1 F607:10 Std Input ... 16666
3.209.1 F607:11 Std Input ... 16667
3.209.1 F607:12 Std Input ... 16678
3.209.1 F607:13 Std Input ... 16679
3.209.2 F607:14 Std Input ... 16670
3.209.2 F607:15 Std Input ... 16681
3.209.2 F607:16 Std Input ... 16682
3.209.2 F607:17 Std Input ... 16683
3.209.2 F607:18 Std Input ... 16684
3.209.2 F607:19 Std Input ... 16695
3.209.2 F607:1A Std Input ... 16696

3.209.2 F607:1B Std Input 16697
3.209.2 F607:1C Std Input 16708
3.209.2 F607:1D Std Input 16709
3.209.3 F607:1E Std Input 16700
3.209.3 F607:1F Std Input 16701
3.210 F608:x FSOE Std INT16 Inputs 1672
3.210.1 F608:01 Std Input 1672
3.210.2 F608:02 Std Input 1672
3.210.3 F608:03 Std Input 1672
3.210.4 F608:04 Std Input 1673
3.210.5 F608:05 Std Input 1673
3.210.6 F608:06 Std Input 1673
3.210.7 F608:07 Std Input 1674
3.210.8 F608:08 Std Input 1674
3.210.9 F608:09 Std Input 1674
3.210.1 F608:0A Std Input 16740
3.210.1 F608:0B Std Input 16751
3.210.1 F608:0C Std Input 16752
3.210.1 F608:0D Std Input 16753
3.210.1 F608:0E Std Input 16764
3.210.1 F608:0F Std Input 16765
3.210.1 F608:10 Std Input 16766
3.210.1 F608:11 Std Input 16767
3.210.1 F608:12 Std Input 16778
3.210.1 F608:13 Std Input 16779
3.210.2 F608:14 Std Input 16770
3.210.2 F608:15 Std Input 16781
3.210.2 F608:16 Std Input 16782
3.210.2 F608:17 Std Input 16783
3.210.2 F608:18 Std Input 16784
3.210.2 F608:19 Std Input 16795

3.210.2 F608:1A Std Input 16796
3.210.2 F608:1B Std Input 16797
3.210.2 F608:1C Std Input 16808
3.210.2 F608:1D Std Input 16809
3.210.3 F608:1E Std Input 16800
3.210.3 F608:1F Std Input 16801
3.211 F609:x FSOE Std UINT32 Inputs 1682
3.211.1 F609:01 Std Input 1682
3.211.2 F609:02 Std Input 1682
3.211.3 F609:03 Std Input 1682
3.211.4 F609:04 Std Input 1683
3.211.5 F609:05 Std Input 1683
3.211.6 F609:06 Std Input 1683
3.211.7 F609:07 Std Input 1684
3.211.8 F609:08 Std Input 1684
3.211.9 F609:09 Std Input 1684
3.211.1 F609:0A Std Input 16840
3.211.1 F609:0B Std Input 16851
3.211.1 F609:0C Std Input 16852
3.211.1 F609:0D Std Input 16853
3.211.1 F609:0E Std Input 16864
3.211.1 F609:0F Std Input 16865
3.212 F60A:x FSOE Std INT32 Inputs 1687
3.212.1 F60A:01 Std Input 1687
3.212.2 F60A:02 Std Input 1687
3.212.3 F60A:03 Std Input 1687
3.212.4 F60A:04 Std Input 1688
3.212.5 F60A:05 Std Input 1688
3.212.6 F60A:06 Std Input 1688
3.212.7 F60A:07 Std Input 1689
3.212.8 F60A:08 Std Input 1689
3.212.9 F60A:09 Std Input 1689
3.212.1 F60A:0A Std Input 16890
3.212.1 F60A:0B Std Input 16901
3.212.1 F60A:0C Std Input 16902

3.212.1 F60A:0D Std Input 16903
3.212.1 F60A:0E Std Input 16914
3.212.1 F60A:0F Std Input 16915
3.213 F60B:x FSOE Std UINT8 Inputs 1692
3.213.1 F60B:01 Std Input 1692
3.213.2 F60B:02 Std Input 1692
3.213.3 F60B:03 Std Input 1692
3.213.4 F60B:04 Std Input 1693
3.213.5 F60B:05 Std Input 1693
3.213.6 F60B:06 Std Input 1693
3.213.7 F60B:07 Std Input 1694
3.213.8 F60B:08 Std Input 1694
3.213.9 F60B:09 Std Input 1694
3.213.1 F60B:0A Std Input 16940
3.213.1 F60B:0B Std Input 16951
3.213.1 F60B:0C Std Input 16952
3.213.1 F60B:0D Std Input 16953
3.213.1 F60B:0E Std Input 16964
3.213.1 F60B:0F Std Input 16965
3.213.1 F60B:10 Std Input 16966
3.213.1 F60B:11 Std Input 16967
3.213.1 F60B:12 Std Input 16978
3.213.1 F60B:13 Std Input 16979
3.213.2 F60B:14 Std Input 16970
3.213.2 F60B:15 Std Input 16981
3.213.2 F60B:16 Std Input 16982
3.213.2 F60B:17 Std Input 16983
3.213.2 F60B:18 Std Input 16984
3.213.2 F60B:19 Std Input 16995
3.213.2 F60B:1A Std Input 16996
3.213.2 F60B:1B Std Input 16997

3.213.2 F60B:1C Std Input 17008
3.213.2 F60B:1D Std Input 17009
3.213.3 F60B:1E Std Input 17010
3.213.3 F60B:1F Std Input 17011
3.213.3 F60B:20 Std Input 17012
3.213.3 F60B:21 Std Input 17013
3.213.3 F60B:22 Std Input 17014
3.213.3 F60B:23 Std Input 17025
3.213.3 F60B:24 Std Input 17026
3.213.3 F60B:25 Std Input 17027
3.213.3 F60B:26 Std Input 17028
3.213.3 F60B:27 Std Input 17039
3.213.4 F60B:28 Std Input 17030
3.213.4 F60B:29 Std Input 17031
3.213.4 F60B:2A Std Input 17042
3.213.4 F60B:2B Std Input 17043
3.213.4 F60B:2C Std Input 17044
3.213.4 F60B:2D Std Input 17045
3.213.4 F60B:2E Std Input 17056
3.213.4 F60B:2F Std Input 17057
3.213.4 F60B:30 Std Input 17058
3.213.4 F60B:31 Std Input 17069
3.213.5 F60B:32 Std Input 17060
3.213.5 F60B:33 Std Input 17061
3.213.5 F60B:34 Std Input 17062
3.213.5 F60B:35 Std Input 17073
3.213.5 F60B:36 Std Input 17074

3.213.5 F60B:37 Std Input 17075
3.213.5 F60B:38 Std Input 17086
3.213.5 F60B:39 Std Input 17087
3.213.5 F60B:3A Std Input 17088
3.213.5 F60B:3B Std Input 17089
3.213.6 F60B:3C Std Input 17090
3.213.6 F60B:3D Std Input 17091
3.213.6 F60B:3E Std Input 17092
3.214 F60C:x FSOE Safe UINT8 Inputs 1710
3.214.1 F60C:01 Safe Input 1710
3.214.2 F60C:02 Safe Input 1710
3.214.3 F60C:03 Safe Input 1710
3.214.4 F60C:04 Safe Input 1711
3.214.5 F60C:05 Safe Input 1711
3.214.6 F60C:06 Safe Input 1711
3.214.7 F60C:07 Safe Input 1712
3.214.8 F60C:08 Safe Input 1712
3.214.9 F60C:09 Safe Input 1712
3.214.10 F60C:0A Safe Input 17120
3.214.11 F60C:0B Safe Input 17131
3.214.12 F60C:0C Safe Input 17132
3.214.13 F60C:0D Safe Input 17133
3.214.14 F60C:0E Safe Input 17144
3.214.15 F60C:0F Safe Input 17145
3.214.16 F60C:10 Safe Input 17146
3.214.17 F60C:11 Safe Input 17147
3.214.18 F60C:12 Safe Input 17158
3.214.19 F60C:13 Safe Input 17159
3.214.20 F60C:14 Safe Input 17150
3.214.21 F60C:15 Safe Input 17161
3.214.22 F60C:16 Safe Input 17162

3.214.2 F60C:17 Safe Input 1716
3.214.2 F60C:18 Safe Input 1716
3.214.2 F60C:19 Safe Input 1717
3.214.2 F60C:1A Safe Input 1717
3.214.2 F60C:1B Safe Input 1717
3.214.2 F60C:1C Safe Input 1718
3.214.2 F60C:1D Safe Input 1718
3.214.3 F60C:1E Safe Input 1718
3.214.3 F60C:1F Safe Input 1718
3.214.3 F60C:20 Safe Input 1719
3.214.3 F60C:21 Safe Input 1719
3.214.3 F60C:22 Safe Input 1719
3.214.3 F60C:23 Safe Input 1720
3.214.3 F60C:24 Safe Input 1720
3.214.3 F60C:25 Safe Input 1720
3.214.3 F60C:26 Safe Input 1720
3.214.3 F60C:27 Safe Input 1721
3.214.4 F60C:28 Safe Input 1721
3.214.4 F60C:29 Safe Input 1721
3.214.4 F60C:2A Safe Input 1722
3.214.4 F60C:2B Safe Input 1722
3.214.4 F60C:2C Safe Input 1722
3.214.4 F60C:2D Safe Input 1722
3.214.4 F60C:2E Safe Input 1723
3.214.4 F60C:2F Safe Input 1723
3.214.4 F60C:30 Safe Input 1723
3.214.4 F60C:31 Safe Input 1724

3.214.5 F60C:32 Safe Input 17240
3.214.5 F60C:33 Safe Input 17241
3.214.5 F60C:34 Safe Input 17242
3.214.5 F60C:35 Safe Input 17253
3.214.5 F60C:36 Safe Input 17254
3.214.5 F60C:37 Safe Input 17255
3.214.5 F60C:38 Safe Input 17266
3.214.5 F60C:39 Safe Input 17267
3.214.5 F60C:3A Safe Input 17268
3.214.5 F60C:3B Safe Input 17269
3.214.6 F60C:3C Safe Input 17270
3.214.6 F60C:3D Safe Input 17271
3.214.6 F60C:3E Safe Input 17272
3.215 F688 Standard Outputs 1728
3.216 F701:x FSOE Safe BOOL Outputs 1729
3.216.1 F701:01 Safe Output 1729
3.216.2 F701:02 Safe Output 1729
3.216.3 F701:03 Safe Output 1729
3.216.4 F701:04 Safe Output 1730
3.216.5 F701:05 Safe Output 1730
3.216.6 F701:06 Safe Output 1730
3.216.7 F701:07 Safe Output 1731
3.216.8 F701:08 Safe Output 1731
3.216.9 F701:09 Safe Output 1731
3.216.1 F701:0A Safe Output 17310
3.216.1 F701:0B Safe Output 17321
3.216.1 F701:0C Safe Output 17322
3.216.1 F701:0D Safe Output 17323
3.216.1 F701:0E Safe Output 17334
3.216.1 F701:0F Safe Output 17335
3.216.1 F701:10 Safe Output 17336

3.216.1 F701:11 Safe Output 1733
7
3.216.1 F701:12 Safe Output 1734
8
3.216.1 F701:13 Safe Output 1734
9
3.216.2 F701:14 Safe Output 1734
0
3.216.2 F701:15 Safe Output 1735
1
3.216.2 F701:16 Safe Output 1735
2
3.216.2 F701:17 Safe Output 1735
3
3.216.2 F701:18 Safe Output 1735
4
3.216.2 F701:19 Safe Output 1736
5
3.216.2 F701:1A Safe Output 1736
6
3.216.2 F701:1B Safe Output 1736
7
3.216.2 F701:1C Safe Output 1737
8
3.216.2 F701:1D Safe Output 1737
9
3.216.3 F701:1E Safe Output 1737
0
3.216.3 F701:1F Safe Output 1737
1
3.216.3 F701:20 Safe Output 1738
2
3.216.3 F701:21 Safe Output 1738
3
3.216.3 F701:22 Safe Output 1738
4
3.216.3 F701:23 Safe Output 1739
5
3.216.3 F701:24 Safe Output 1739
6
3.216.3 F701:25 Safe Output 1739
7
3.216.3 F701:26 Safe Output 1739
8
3.216.3 F701:27 Safe Output 1740
9
3.216.4 F701:28 Safe Output 1740
0
3.216.4 F701:29 Safe Output 1740
1
3.216.4 F701:2A Safe Output 1741
2
3.216.4 F701:2B Safe Output 1741
3

3.216.4 F701:2C Safe Output 1741
4
3.216.4 F701:2D Safe Output 1741
5
3.216.4 F701:2E Safe Output 1742
6
3.216.4 F701:2F Safe Output 1742
7
3.216.4 F701:30 Safe Output 1742
8
3.216.4 F701:31 Safe Output 1743
9
3.216.5 F701:32 Safe Output 1743
0
3.216.5 F701:33 Safe Output 1743
1
3.216.5 F701:34 Safe Output 1743
2
3.216.5 F701:35 Safe Output 1744
3
3.216.5 F701:36 Safe Output 1744
4
3.216.5 F701:37 Safe Output 1744
5
3.216.5 F701:38 Safe Output 1745
6
3.216.5 F701:39 Safe Output 1745
7
3.216.5 F701:3A Safe Output 1745
8
3.216.5 F701:3B Safe Output 1745
9
3.216.6 F701:3C Safe Output 1746
0
3.216.6 F701:3D Safe Output 1746
1
3.216.6 F701:3E Safe Output 1746
2
3.216.6 F701:3F Safe Output 1747
3
3.216.6 F701:40 Safe Output 1747
4
3.216.6 F701:41 Safe Output 1747
5
3.216.6 F701:42 Safe Output 1747
6
3.216.6 F701:43 Safe Output 1748
7
3.216.6 F701:44 Safe Output 1748
8
3.216.6 F701:45 Safe Output 1748
9

3.216.7 F701:46 Safe Output 1749
0
3.216.7 F701:47 Safe Output 1749
1
3.216.7 F701:48 Safe Output 1749
2
3.216.7 F701:49 Safe Output 1749
3
3.216.7 F701:4A Safe Output 1750
4
3.216.7 F701:4B Safe Output 1750
5
3.216.7 F701:4C Safe Output 1750
6
3.216.7 F701:4D Safe Output 1751
7
3.216.7 F701:4E Safe Output 1751
8
3.216.7 F701:4F Safe Output 1751
9
3.216.8 F701:50 Safe Output 1751
0
3.216.8 F701:51 Safe Output 1752
1
3.216.8 F701:52 Safe Output 1752
2
3.216.8 F701:53 Safe Output 1752
3
3.216.8 F701:54 Safe Output 1753
4
3.216.8 F701:55 Safe Output 1753
5
3.216.8 F701:56 Safe Output 1753
6
3.216.8 F701:57 Safe Output 1753
7
3.216.8 F701:58 Safe Output 1754
8
3.216.8 F701:59 Safe Output 1754
9
3.216.9 F701:5A Safe Output 1754
0
3.216.9 F701:5B Safe Output 1755
1
3.216.9 F701:5C Safe Output 1755
2
3.216.9 F701:5D Safe Output 1755
3
3.216.9 F701:5E Safe Output 1755
4
3.216.9 F701:5F Safe Output 1756
5
3.216.9 F701:60 Safe Output 1756
6

3.216.9 F701:61 Safe Output 17567
3.216.9 F701:62 Safe Output 17578
3.216.9 F701:63 Safe Output 17579
3.216.1 F701:64 Safe Output 17700
3.216.1 F701:65 Safe Output 17701
3.216.1 F701:66 Safe Output 17802
3.216.1 F701:67 Safe Output 17803
3.216.1 F701:68 Safe Output 17804
3.216.1 F701:69 Safe Output 17905
3.216.1 F701:6A Safe Output 17906
3.216.1 F701:6B Safe Output 17907
3.216.1 F701:6C Safe Output 17908
3.216.1 F701:6D Safe Output 18009
3.216.1 F701:6E Safe Output 18010
3.216.1 F701:6F Safe Output 18011
3.216.1 F701:70 Safe Output 18112
3.216.1 F701:71 Safe Output 18113
3.216.1 F701:72 Safe Output 18114
3.216.1 F701:73 Safe Output 18115
3.216.1 F701:74 Safe Output 18216
3.216.1 F701:75 Safe Output 18217
3.216.1 F701:76 Safe Output 18218
3.216.1 F701:77 Safe Output 18319
3.216.1 F701:78 Safe Output 18320
3.216.1 F701:79 Safe Output 18321
3.216.1 F701:7A Safe Output 18322

3.216.1 F701:7B Safe Output 1764
23
3.216.1 F701:7C Safe Output 1764
24
3.216.1 F701:7D Safe Output 1764
25
3.216.1 F701:7E Safe Output 1765
26
3.216.1 F701:7F Safe Output 1765
27
3.216.1 F701:80 Safe Output 1765
28
3.216.1 F701:81 Safe Output 1765
29
3.216.1 F701:82 Safe Output 1766
30
3.216.1 F701:83 Safe Output 1766
31
3.216.1 F701:84 Safe Output 1766
32
3.216.1 F701:85 Safe Output 1767
33
3.216.1 F701:86 Safe Output 1767
34
3.216.1 F701:87 Safe Output 1767
35
3.216.1 F701:88 Safe Output 1767
36
3.216.1 F701:89 Safe Output 1768
37
3.216.1 F701:8A Safe Output 1768
38
3.216.1 F701:8B Safe Output 1768
39
3.216.1 F701:8C Safe Output 1769
40
3.216.1 F701:8D Safe Output 1769
41
3.216.1 F701:8E Safe Output 1769
42
3.216.1 F701:8F Safe Output 1769
43
3.216.1 F701:90 Safe Output 1770
44
3.216.1 F701:91 Safe Output 1770
45
3.216.1 F701:92 Safe Output 1770
46
3.216.1 F701:93 Safe Output 1771
47
3.216.1 F701:94 Safe Output 1771
48
3.216.1 F701:95 Safe Output 1771
49

3.216.1 F701:96 Safe Output 1771
50
3.216.1 F701:97 Safe Output 1772
51
3.216.1 F701:98 Safe Output 1772
52
3.216.1 F701:99 Safe Output 1772
53
3.216.1 F701:9A Safe Output 1773
54
3.216.1 F701:9B Safe Output 1773
55
3.216.1 F701:9C Safe Output 1773
56
3.216.1 F701:9D Safe Output 1773
57
3.216.1 F701:9E Safe Output 1774
58
3.216.1 F701:9F Safe Output 1774
59
3.216.1 F701:A0 Safe Output 1774
60
3.216.1 F701:A1 Safe Output 1775
61
3.216.1 F701:A2 Safe Output 1775
62
3.216.1 F701:A3 Safe Output 1775
63
3.216.1 F701:A4 Safe Output 1775
64
3.216.1 F701:A5 Safe Output 1776
65
3.216.1 F701:A6 Safe Output 1776
66
3.216.1 F701:A7 Safe Output 1776
67
3.216.1 F701:A8 Safe Output 1777
68
3.216.1 F701:A9 Safe Output 1777
69
3.216.1 F701:AA Safe Output 1777
70
3.216.1 F701:AB Safe Output 1777
71
3.216.1 F701:AC Safe Output 1778
72
3.216.1 F701:AD Safe Output 1778
73
3.216.1 F701:AE Safe Output 1778
74
3.216.1 F701:AF Safe Output 1779
75

3.216.1 F701:B0 Safe Output 1779
76
3.216.1 F701:B1 Safe Output 1779
77
3.216.1 F701:B2 Safe Output 1779
78
3.216.1 F701:B3 Safe Output 1780
79
3.216.1 F701:B4 Safe Output 1780
80
3.216.1 F701:B5 Safe Output 1780
81
3.216.1 F701:B6 Safe Output 1781
82
3.216.1 F701:B7 Safe Output 1781
83
3.216.1 F701:B8 Safe Output 1781
84
3.216.1 F701:B9 Safe Output 1781
85
3.216.1 F701:BA Safe Output 1782
86
3.216.1 F701:BB Safe Output 1782
87
3.216.1 F701:BC Safe Output 1782
88
3.216.1 F701:BD Safe Output 1783
89
3.216.1 F701:BE Safe Output 1783
90
3.216.1 F701:BF Safe Output 1783
91
3.216.1 F701:C0 Safe Output 1783
92
3.216.1 F701:C1 Safe Output 1784
93
3.216.1 F701:C2 Safe Output 1784
94
3.216.1 F701:C3 Safe Output 1784
95
3.216.1 F701:C4 Safe Output 1785
96
3.216.1 F701:C5 Safe Output 1785
97
3.216.1 F701:C6 Safe Output 1785
98
3.216.1 F701:C7 Safe Output 1785
99
3.216.2 F701:C8 Safe Output 1786
00
3.216.2 F701:C9 Safe Output 1786
01
3.216.2 F701:CA Safe Output 1786
02

3.216.2 F701:CB Safe Output 1787
03
3.216.2 F701:CC Safe Output 1787
04
3.216.2 F701:CD Safe Output 1787
05
3.216.2 F701:CE Safe Output 1787
06
3.216.2 F701:CF Safe Output 1788
07
3.216.2 F701:D0 Safe Output 1788
08
3.216.2 F701:D1 Safe Output 1788
09
3.216.2 F701:D2 Safe Output 1789
10
3.216.2 F701:D3 Safe Output 1789
11
3.216.2 F701:D4 Safe Output 1789
12
3.216.2 F701:D5 Safe Output 1789
13
3.216.2 F701:D6 Safe Output 1790
14
3.216.2 F701:D7 Safe Output 1790
15
3.216.2 F701:D8 Safe Output 1790
16
3.216.2 F701:D9 Safe Output 1791
17
3.216.2 F701:DA Safe Output 1791
18
3.216.2 F701:DB Safe Output 1791
19
3.216.2 F701:DC Safe Output 1791
20
3.216.2 F701:DD Safe Output 1792
21
3.216.2 F701:DE Safe Output 1792
22
3.216.2 F701:DF Safe Output 1792
23
3.216.2 F701:E0 Safe Output 1793
24
3.217 F702:x FSOE Safe UINT16 Outputs 1794
3.217.1 F702:01 Safe Output Word 1794
3.217.2 F702:02 Safe Output Word 1794
3.217.3 F702:03 Safe Output Word 1794
3.217.4 F702:04 Safe Output Word 1795
3.217.5 F702:05 Safe Output Word 1795
3.217.6 F702:06 Safe Output Word 1795
3.217.7 F702:07 Safe Output Word 1796

3.217.8 F702:08 Safe Output Word 1796
3.217.9 F702:09 Safe Output Word 1796
3.217.10 F702:0A Safe Output Word 1796
3.217.11 F702:0B Safe Output Word 1797
3.217.12 F702:0C Safe Output Word 1797
3.217.13 F702:0D Safe Output Word 1797
3.217.14 F702:0E Safe Output Word 1798
3.217.15 F702:0F Safe Output Word 1798
3.217.16 F702:10 Safe Output Word 1798
3.217.17 F702:11 Safe Output Word 1798
3.217.18 F702:12 Safe Output Word 1799
3.217.19 F702:13 Safe Output Word 1799
3.217.20 F702:14 Safe Output Word 1799
3.217.21 F702:15 Safe Output Word 1800
3.217.22 F702:16 Safe Output Word 1800
3.217.23 F702:17 Safe Output Word 1800
3.217.24 F702:18 Safe Output Word 1800
3.217.25 F702:19 Safe Output Word 1801
3.217.26 F702:1A Safe Output Word 1801
3.217.27 F702:1B Safe Output Word 1801
3.217.28 F702:1C Safe Output Word 1802
3.217.29 F702:1D Safe Output Word 1802
3.217.30 F702:1E Safe Output Word 1802
3.217.31 F702:1F Safe Output Word 1802
3.218 F703:x FSOE Safe INT16 Outputs 1804
3.218.1 F703:01 Safe Output 1804
3.218.2 F703:02 Safe Output 1804
3.218.3 F703:03 Safe Output 1804
3.218.4 F703:04 Safe Output 1805
3.218.5 F703:05 Safe Output 1805
3.218.6 F703:06 Safe Output 1805

3.218.7 F703:07 Safe Output 1806
3.218.8 F703:08 Safe Output 1806
3.218.9 F703:09 Safe Output 1806
3.218.10 F703:0A Safe Output 1806
3.218.11 F703:0B Safe Output 1807
3.218.12 F703:0C Safe Output 1807
3.218.13 F703:0D Safe Output 1807
3.218.14 F703:0E Safe Output 1808
3.218.15 F703:0F Safe Output 1808
3.218.16 F703:10 Safe Output 1808
3.218.17 F703:11 Safe Output 1808
3.218.18 F703:12 Safe Output 1809
3.218.19 F703:13 Safe Output 1809
3.218.20 F703:14 Safe Output 1809
3.218.21 F703:15 Safe Output 1810
3.218.22 F703:16 Safe Output 1810
3.218.23 F703:17 Safe Output 1810
3.218.24 F703:18 Safe Output 1810
3.218.25 F703:19 Safe Output 1811
3.218.26 F703:1A Safe Output 1811
3.218.27 F703:1B Safe Output 1811
3.218.28 F703:1C Safe Output 1812
3.218.29 F703:1D Safe Output 1812
3.218.30 F703:1E Safe Output 1812
3.218.31 F703:1F Safe Output 1812
3.219 F704:x FSOE Safe UINT32 Outputs 1814
3.219.1 F704:01 Output 1814
3.219.2 F704:02 Output 1814
3.219.3 F704:03 Output 1814
3.219.4 F704:04 Output 1815

3.219.5 F704:05 Output 1815
3.219.6 F704:06 Output 1815
3.219.7 F704:07 Output 1816
3.219.8 F704:08 Output 1816
3.219.9 F704:09 Output 1816
3.219.10 F704:0A Output 1816
3.219.11 F704:0B Output 1817
3.219.12 F704:0C Output 1817
3.219.13 F704:0D Output 1817
3.219.14 F704:0E Output 1818
3.219.15 F704:0F Output 1818
3.220 F705:x FSOE Safe INT32 Outputs 1819
3.220.1 F705:01 Safe Output 1819
3.220.2 F705:02 Safe Output 1819
3.220.3 F705:03 Safe Output 1819
3.220.4 F705:04 Safe Output 1820
3.220.5 F705:05 Safe Output 1820
3.220.6 F705:06 Safe Output 1820
3.220.7 F705:07 Safe Output 1821
3.220.8 F705:08 Safe Output 1821
3.220.9 F705:09 Safe Output 1821
3.220.10 F705:0A Safe Output 1821
3.220.11 F705:0B Safe Output 1822
3.220.12 F705:0C Safe Output 1822
3.220.13 F705:0D Safe Output 1822
3.220.14 F705:0E Safe Output 1823
3.220.15 F705:0F Safe Output 1823
3.221 F706:x FSOE Std BOOL Outputs 1824
3.221.1 F706:01 Std Output 1824
3.221.2 F706:02 Std Output 1824
3.221.3 F706:03 Std Output 1824
3.221.4 F706:04 Std Output 1825
3.221.5 F706:05 Std Output 1825
3.221.6 F706:06 Std Output 1825
3.221.7 F706:07 Std Output 1826
3.221.8 F706:08 Std Output 1826
3.221.9 F706:09 Std Output 1826

3.221.1 F706:0A Std Output 1826
0
3.221.1 F706:0B Std Output 1827
1
3.221.1 F706:0C Std Output 1827
2
3.221.1 F706:0D Std Output 1827
3
3.221.1 F706:0E Std Output 1828
4
3.221.1 F706:0F Std Output 1828
5
3.221.1 F706:10 Std Output 1828
6
3.221.1 F706:11 Std Output 1828
7
3.221.1 F706:12 Std Output 1829
8
3.221.1 F706:13 Std Output 1829
9
3.221.2 F706:14 Std Output 1829
0
3.221.2 F706:15 Std Output 1830
1
3.221.2 F706:16 Std Output 1830
2
3.221.2 F706:17 Std Output 1830
3
3.221.2 F706:18 Std Output 1830
4
3.221.2 F706:19 Std Output 1831
5
3.221.2 F706:1A Std Output 1831
6
3.221.2 F706:1B Std Output 1831
7
3.221.2 F706:1C Std Output 1832
8
3.221.2 F706:1D Std Output 1832
9
3.221.3 F706:1E Std Output 1832
0
3.221.3 F706:1F Std Output 1832
1
3.221.3 F706:20 Std Output 1833
2
3.221.3 F706:21 Std Output 1833
3
3.221.3 F706:22 Std Output 1833
4
3.221.3 F706:23 Std Output 1834
5

3.221.3 F706:24 Std Output 1834
6
3.221.3 F706:25 Std Output 1834
7
3.221.3 F706:26 Std Output 1834
8
3.221.3 F706:27 Std Output 1835
9
3.221.4 F706:28 Std Output 1835
0
3.221.4 F706:29 Std Output 1835
1
3.221.4 F706:2A Std Output 1836
2
3.221.4 F706:2B Std Output 1836
3
3.221.4 F706:2C Std Output 1836
4
3.221.4 F706:2D Std Output 1836
5
3.221.4 F706:2E Std Output 1837
6
3.221.4 F706:2F Std Output 1837
7
3.221.4 F706:30 Std Output 1837
8
3.221.4 F706:31 Std Output 1838
9
3.221.5 F706:32 Std Output 1838
0
3.221.5 F706:33 Std Output 1838
1
3.221.5 F706:34 Std Output 1838
2
3.221.5 F706:35 Std Output 1839
3
3.221.5 F706:36 Std Output 1839
4
3.221.5 F706:37 Std Output 1839
5
3.221.5 F706:38 Std Output 1840
6
3.221.5 F706:39 Std Output 1840
7
3.221.5 F706:3A Std Output 1840
8
3.221.5 F706:3B Std Output 1840
9
3.221.6 F706:3C Std Output 1841
0
3.221.6 F706:3D Std Output 1841
1
3.221.6 F706:3E Std Output 1841
2

3.221.6 F706:3F Std Output 1842
3
3.221.6 F706:40 Std Output 1842
4
3.221.6 F706:41 Std Output 1842
5
3.221.6 F706:42 Std Output 1842
6
3.221.6 F706:43 Std Output 1843
7
3.221.6 F706:44 Std Output 1843
8
3.221.6 F706:45 Std Output 1843
9
3.221.7 F706:46 Std Output 1844
0
3.221.7 F706:47 Std Output 1844
1
3.221.7 F706:48 Std Output 1844
2
3.221.7 F706:49 Std Output 1844
3
3.221.7 F706:4A Std Output 1845
4
3.221.7 F706:4B Std Output 1845
5
3.221.7 F706:4C Std Output 1845
6
3.221.7 F706:4D Std Output 1846
7
3.221.7 F706:4E Std Output 1846
8
3.221.7 F706:4F Std Output 1846
9
3.221.8 F706:50 Std Output 1846
0
3.221.8 F706:51 Std Output 1847
1
3.221.8 F706:52 Std Output 1847
2
3.221.8 F706:53 Std Output 1847
3
3.221.8 F706:54 Std Output 1848
4
3.221.8 F706:55 Std Output 1848
5
3.221.8 F706:56 Std Output 1848
6
3.221.8 F706:57 Std Output 1848
7
3.221.8 F706:58 Std Output 1849
8

3.221.8 F706:59 Std Output 1849
9
3.221.9 F706:5A Std Output 1849
0
3.221.9 F706:5B Std Output 1850
1
3.221.9 F706:5C Std Output 1850
2
3.221.9 F706:5D Std Output 1850
3
3.221.9 F706:5E Std Output 1850
4
3.221.9 F706:5F Std Output 1851
5
3.221.9 F706:60 Std Output 1851
6
3.221.9 F706:61 Std Output 1851
7
3.221.9 F706:62 Std Output 1852
8
3.221.9 F706:63 Std Output 1852
9
3.221.1 F706:64 Std Output 1852
00
3.221.1 F706:65 Std Output 1852
01
3.221.1 F706:66 Std Output 1853
02
3.221.1 F706:67 Std Output 1853
03
3.221.1 F706:68 Std Output 1853
04
3.221.1 F706:69 Std Output 1854
05
3.221.1 F706:6A Std Output 1854
06
3.221.1 F706:6B Std Output 1854
07
3.221.1 F706:6C Std Output 1854
08
3.221.1 F706:6D Std Output 1855
09
3.221.1 F706:6E Std Output 1855
10
3.221.1 F706:6F Std Output 1855
11
3.221.1 F706:70 Std Output 1856
12
3.221.1 F706:71 Std Output 1856
13
3.221.1 F706:72 Std Output 1856
14
3.221.1 F706:73 Std Output 1856
15

3.221.1 F706:74 Std Output 1857
16
3.221.1 F706:75 Std Output 1857
17
3.221.1 F706:76 Std Output 1857
18
3.221.1 F706:77 Std Output 1858
19
3.221.1 F706:78 Std Output 1858
20
3.221.1 F706:79 Std Output 1858
21
3.221.1 F706:7A Std Output 1858
22
3.221.1 F706:7B Std Output 1859
23
3.221.1 F706:7C Std Output 1859
24
3.221.1 F706:7D Std Output 1859
25
3.221.1 F706:7E Std Output 1860
26
3.221.1 F706:7F Std Output 1860
27
3.221.1 F706:80 Std Output 1860
28
3.221.1 F706:81 Std Output 1860
29
3.221.1 F706:82 Std Output 1861
30
3.221.1 F706:83 Std Output 1861
31
3.221.1 F706:84 Std Output 1861
32
3.221.1 F706:85 Std Output 1862
33
3.221.1 F706:86 Std Output 1862
34
3.221.1 F706:87 Std Output 1862
35
3.221.1 F706:88 Std Output 1862
36
3.221.1 F706:89 Std Output 1863
37
3.221.1 F706:8A Std Output 1863
38
3.221.1 F706:8B Std Output 1863
39
3.221.1 F706:8C Std Output 1864
40
3.221.1 F706:8D Std Output 1864
41

3.221.1 F706:8E Std Output 1864
42
3.221.1 F706:8F Std Output 1864
43
3.221.1 F706:90 Std Output 1865
44
3.221.1 F706:91 Std Output 1865
45
3.221.1 F706:92 Std Output 1865
46
3.221.1 F706:93 Std Output 1866
47
3.221.1 F706:94 Std Output 1866
48
3.221.1 F706:95 Std Output 1866
49
3.221.1 F706:96 Std Output 1866
50
3.221.1 F706:97 Std Output 1867
51
3.221.1 F706:98 Std Output 1867
52
3.221.1 F706:99 Std Output 1867
53
3.221.1 F706:9A Std Output 1868
54
3.221.1 F706:9B Std Output 1868
55
3.221.1 F706:9C Std Output 1868
56
3.221.1 F706:9D Std Output 1868
57
3.221.1 F706:9E Std Output 1869
58
3.221.1 F706:9F Std Output 1869
59
3.221.1 F706:A0 Std Output 1869
60
3.221.1 F706:A1 Std Output 1870
61
3.221.1 F706:A2 Std Output 1870
62
3.221.1 F706:A3 Std Output 1870
63
3.221.1 F706:A4 Std Output 1870
64
3.221.1 F706:A5 Std Output 1871
65
3.221.1 F706:A6 Std Output 1871
66
3.221.1 F706:A7 Std Output 1871
67
3.221.1 F706:A8 Std Output 1872
68

3.221.1 F706:A9 Std Output 1872
69
3.221.1 F706:AA Std Output 1872
70
3.221.1 F706:AB Std Output 1872
71
3.221.1 F706:AC Std Output 1873
72
3.221.1 F706:AD Std Output 1873
73
3.221.1 F706:AE Std Output 1873
74
3.221.1 F706:AF Std Output 1874
75
3.221.1 F706:B0 Std Output 1874
76
3.221.1 F706:B1 Std Output 1874
77
3.221.1 F706:B2 Std Output 1874
78
3.221.1 F706:B3 Std Output 1875
79
3.221.1 F706:B4 Std Output 1875
80
3.221.1 F706:B5 Std Output 1875
81
3.221.1 F706:B6 Std Output 1876
82
3.221.1 F706:B7 Std Output 1876
83
3.221.1 F706:B8 Std Output 1876
84
3.221.1 F706:B9 Std Output 1876
85
3.221.1 F706:BA Std Output 1877
86
3.221.1 F706:BB Std Output 1877
87
3.221.1 F706:BC Std Output 1877
88
3.221.1 F706:BD Std Output 1878
89
3.221.1 F706:BE Std Output 1878
90
3.221.1 F706:BF Std Output 1878
91
3.221.1 F706:C0 Std Output 1878
92
3.221.1 F706:C1 Std Output 1879
93
3.221.1 F706:C2 Std Output 1879
94

3.221.1 F706:C3 Std Output 1879
95
3.221.1 F706:C4 Std Output 1880
96
3.221.1 F706:C5 Std Output 1880
97
3.221.1 F706:C6 Std Output 1880
98
3.221.1 F706:C7 Std Output 1880
99
3.221.2 F706:C8 Std Output 1881
00
3.221.2 F706:C9 Std Output 1881
01
3.221.2 F706:CA Std Output 1881
02
3.221.2 F706:CB Std Output 1882
03
3.221.2 F706:CC Std Output 1882
04
3.221.2 F706:CD Std Output 1882
05
3.221.2 F706:CE Std Output 1882
06
3.221.2 F706:CF Std Output 1883
07
3.221.2 F706:D0 Std Output 1883
08
3.221.2 F706:D1 Std Output 1883
09
3.221.2 F706:D2 Std Output 1884
10
3.221.2 F706:D3 Std Output 1884
11
3.221.2 F706:D4 Std Output 1884
12
3.221.2 F706:D5 Std Output 1884
13
3.221.2 F706:D6 Std Output 1885
14
3.221.2 F706:D7 Std Output 1885
15
3.221.2 F706:D8 Std Output 1885
16
3.221.2 F706:D9 Std Output 1886
17
3.221.2 F706:DA Std Output 1886
18
3.221.2 F706:DB Std Output 1886
19
3.221.2 F706:DC Std Output 1886
20
3.221.2 F706:DD Std Output 1887
21

3.221.2 F706:DE Std Output 1887
22
3.221.2 F706:DF Std Output 1887
23
3.221.2 F706:E0 Std Output 1888
24
3.222 F707:x FSOE Std UINT16 Outputs 1889
3.222.1 F707:01 Std Output 1889
3.222.2 F707:02 Std Output 1889
3.222.3 F707:03 Std Output 1889
3.222.4 F707:04 Std Output 1890
3.222.5 F707:05 Std Output 1890
3.222.6 F707:06 Std Output 1890
3.222.7 F707:07 Std Output 1891
3.222.8 F707:08 Std Output 1891
3.222.9 F707:09 Std Output 1891
3.222.1 F707:0A Std Output 1891
0
3.222.1 F707:0B Std Output 1892
1
3.222.1 F707:0C Std Output 1892
2
3.222.1 F707:0D Std Output 1892
3
3.222.1 F707:0E Std Output 1893
4
3.222.1 F707:0F Std Output 1893
5
3.222.1 F707:10 Std Output 1893
6
3.222.1 F707:11 Std Output 1893
7
3.222.1 F707:12 Std Output 1894
8
3.222.1 F707:13 Std Output 1894
9
3.222.2 F707:14 Std Output 1894
0
3.222.2 F707:15 Std Output 1895
1
3.222.2 F707:16 Std Output 1895
2
3.222.2 F707:17 Std Output 1895
3
3.222.2 F707:18 Std Output 1895
4
3.222.2 F707:19 Std Output 1896
5
3.222.2 F707:1A Std Output 1896
6
3.222.2 F707:1B Std Output 1896
7

3.222.2 F707:1C Std Output 18978
3.222.2 F707:1D Std Output 18979
3.222.3 F707:1E Std Output 18970
3.222.3 F707:1F Std Output 18971
3.223 F708:x FSOE Std INT16 Outputs 1899
3.223.1 F708:01 Std Output 1899
3.223.2 F708:02 Std Output 1899
3.223.3 F708:03 Std Output 1899
3.223.4 F708:04 Std Output 1900
3.223.5 F708:05 Std Output 1900
3.223.6 F708:06 Std Output 1900
3.223.7 F708:07 Std Output 1901
3.223.8 F708:08 Std Output 1901
3.223.9 F708:09 Std Output 1901
3.223.1 F708:0A Std Output 19010
3.223.1 F708:0B Std Output 19021
3.223.1 F708:0C Std Output 19022
3.223.1 F708:0D Std Output 19023
3.223.1 F708:0E Std Output 19034
3.223.1 F708:0F Std Output 19035
3.223.1 F708:10 Std Output 19036
3.223.1 F708:11 Std Output 19037
3.223.1 F708:12 Std Output 19048
3.223.1 F708:13 Std Output 19049
3.223.2 F708:14 Std Output 19040
3.223.2 F708:15 Std Output 19051
3.223.2 F708:16 Std Output 19052
3.223.2 F708:17 Std Output 19053
3.223.2 F708:18 Std Output 19054
3.223.2 F708:19 Std Output 19065
3.223.2 F708:1A Std Output 19066

3.223.2 F708:1B Std Output 19067
3.223.2 F708:1C Std Output 19078
3.223.2 F708:1D Std Output 19079
3.223.3 F708:1E Std Output 19070
3.223.3 F708:1F Std Output 19071
3.224 F709:x FSOE Std UINT32 Outputs 1909
3.224.1 F709:01 Std Output 1909
3.224.2 F709:02 Std Output 1909
3.224.3 F709:03 Std Output 1909
3.224.4 F709:04 Std Output 1910
3.224.5 F709:05 Std Output 1910
3.224.6 F709:06 Std Output 1910
3.224.7 F709:07 Std Output 1911
3.224.8 F709:08 Std Output 1911
3.224.9 F709:09 Std Output 1911
3.224.1 F709:0A Std Output 19110
3.224.1 F709:0B Std Output 19121
3.224.1 F709:0C Std Output 19122
3.224.1 F709:0D Std Output 19123
3.224.1 F709:0E Std Output 19134
3.224.1 F709:0F Std Output 19135
3.225 F70A:x FSOE Std INT32 Outputs 1914
3.225.1 F70A:01 Std Output 1914
3.225.2 F70A:02 Std Output 1914
3.225.3 F70A:03 Std Output 1914
3.225.4 F70A:04 Std Output 1915
3.225.5 F70A:05 Std Output 1915
3.225.6 F70A:06 Std Output 1915
3.225.7 F70A:07 Std Output 1916
3.225.8 F70A:08 Std Output 1916
3.225.9 F70A:09 Std Output 1916
3.225.1 F70A:0A Std Output 19160
3.225.1 F70A:0B Std Output 19171
3.225.1 F70A:0C Std Output 19172
3.225.1 F70A:0D Std Output 19173

3.225.1 F70A:0E Std Output 1918
4
3.225.1 F70A:0F Std Output 1918
5
3.226 F70B:x FSOE Std UINT8 Outputs 1919
3.226.1 F70B:01 Std Output 1919
3.226.2 F70B:02 Std Output 1919
3.226.3 F70B:03 Std Output 1919
3.226.4 F70B:04 Std Output 1920
3.226.5 F70B:05 Std Output 1920
3.226.6 F70B:06 Std Output 1920
3.226.7 F70B:07 Std Output 1921
3.226.8 F70B:08 Std Output 1921
3.226.9 F70B:09 Std Output 1921
3.226.1 F70B:0A Std Output 1921
0
3.226.1 F70B:0B Std Output 1922
1
3.226.1 F70B:0C Std Output 1922
2
3.226.1 F70B:0D Std Output 1922
3
3.226.1 F70B:0E Std Output 1923
4
3.226.1 F70B:0F Std Output 1923
5
3.226.1 F70B:10 Std Output 1923
6
3.226.1 F70B:11 Std Output 1923
7
3.226.1 F70B:12 Std Output 1924
8
3.226.1 F70B:13 Std Output 1924
9
3.226.2 F70B:14 Std Output 1924
0
3.226.2 F70B:15 Std Output 1925
1
3.226.2 F70B:16 Std Output 1925
2
3.226.2 F70B:17 Std Output 1925
3
3.226.2 F70B:18 Std Output 1925
4
3.226.2 F70B:19 Std Output 1926
5
3.226.2 F70B:1A Std Output 1926
6
3.226.2 F70B:1B Std Output 1926
7
3.226.2 F70B:1C Std Output 1927
8

3.226.2 F70B:1D Std Output 1927
9
3.226.3 F70B:1E Std Output 1927
0
3.226.3 F70B:1F Std Output 1927
1
3.226.3 F70B:20 Std Output 1928
2
3.226.3 F70B:21 Std Output 1928
3
3.226.3 F70B:22 Std Output 1928
4
3.226.3 F70B:23 Std Output 1929
5
3.226.3 F70B:24 Std Output 1929
6
3.226.3 F70B:25 Std Output 1929
7
3.226.3 F70B:26 Std Output 1929
8
3.226.3 F70B:27 Std Output 1930
9
3.226.4 F70B:28 Std Output 1930
0
3.226.4 F70B:29 Std Output 1930
1
3.226.4 F70B:2A Std Output 1931
2
3.226.4 F70B:2B Std Output 1931
3
3.226.4 F70B:2C Std Output 1931
4
3.226.4 F70B:2D Std Output 1931
5
3.226.4 F70B:2E Std Output 1932
6
3.226.4 F70B:2F Std Output 1932
7
3.226.4 F70B:30 Std Output 1932
8
3.226.4 F70B:31 Std Output 1933
9
3.226.5 F70B:32 Std Output 1933
0
3.226.5 F70B:33 Std Output 1933
1
3.226.5 F70B:34 Std Output 1933
2
3.226.5 F70B:35 Std Output 1934
3
3.226.5 F70B:36 Std Output 1934
4

3.226.5 F70B:37 Std Output 1934
5
3.226.5 F70B:38 Std Output 1935
6
3.226.5 F70B:39 Std Output 1935
7
3.226.5 F70B:3A Std Output 1935
8
3.226.5 F70B:3B Std Output 1935
9
3.226.6 F70B:3C Std Output 1936
0
3.226.6 F70B:3D Std Output 1936
1
3.226.6 F70B:3E Std Output 1936
2
3.227 F70C:x FSOE Safe UINT8 Outputs 1937
3.227.1 F70C:01 Safe Output 1937
3.227.2 F70C:02 Safe Output 1937
3.227.3 F70C:03 Safe Output 1937
3.227.4 F70C:04 Safe Output 1938
3.227.5 F70C:05 Safe Output 1938
3.227.6 F70C:06 Safe Output 1938
3.227.7 F70C:07 Safe Output 1939
3.227.8 F70C:08 Safe Output 1939
3.227.9 F70C:09 Safe Output 1939
3.227.1 F70C:0A Safe Output 1939
0
3.227.1 F70C:0B Safe Output 1940
1
3.227.1 F70C:0C Safe Output 1940
2
3.227.1 F70C:0D Safe Output 1940
3
3.227.1 F70C:0E Safe Output 1941
4
3.227.1 F70C:0F Safe Output 1941
5
3.227.1 F70C:10 Safe Output 1941
6
3.227.1 F70C:11 Safe Output 1941
7
3.227.1 F70C:12 Safe Output 1942
8
3.227.1 F70C:13 Safe Output 1942
9
3.227.2 F70C:14 Safe Output 1942
0
3.227.2 F70C:15 Safe Output 1943
1
3.227.2 F70C:16 Safe Output 1943
2

3.227.2 F70C:17 Safe Output 1943
3.227.2 F70C:18 Safe Output 1944
3.227.2 F70C:19 Safe Output 1945
3.227.2 F70C:1A Safe Output 1946
3.227.2 F70C:1B Safe Output 1947
3.227.2 F70C:1C Safe Output 1948
3.227.2 F70C:1D Safe Output 1949
3.227.3 F70C:1E Safe Output 1950
3.227.3 F70C:1F Safe Output 1951
3.227.3 F70C:20 Safe Output 1962
3.227.3 F70C:21 Safe Output 1963
3.227.3 F70C:22 Safe Output 1964
3.227.3 F70C:23 Safe Output 1975
3.227.3 F70C:24 Safe Output 1976
3.227.3 F70C:25 Safe Output 1977
3.227.3 F70C:26 Safe Output 1978
3.227.3 F70C:27 Safe Output 1989
3.227.4 F70C:28 Safe Output 1980
3.227.4 F70C:29 Safe Output 1981
3.227.4 F70C:2A Safe Output 1992
3.227.4 F70C:2B Safe Output 1993
3.227.4 F70C:2C Safe Output 1994
3.227.4 F70C:2D Safe Output 1995
3.227.4 F70C:2E Safe Output 2006
3.227.4 F70C:2F Safe Output 2007
3.227.4 F70C:30 Safe Output 2008

3.227.4 F70C:31 Safe Output 1951
9
3.227.5 F70C:32 Safe Output 1951
0
3.227.5 F70C:33 Safe Output 1951
1
3.227.5 F70C:34 Safe Output 1951
2
3.227.5 F70C:35 Safe Output 1952
3
3.227.5 F70C:36 Safe Output 1952
4
3.227.5 F70C:37 Safe Output 1952
5
3.227.5 F70C:38 Safe Output 1953
6
3.227.5 F70C:39 Safe Output 1953
7
3.227.5 F70C:3A Safe Output 1953
8
3.227.5 F70C:3B Safe Output 1953
9
3.227.6 F70C:3C Safe Output 1954
0
3.227.6 F70C:3D Safe Output 1954
1
3.227.6 F70C:3E Safe Output 1954
2
3.228 F788 Standard Inputs 1955
3.229 F980:x Safe Address 1956
3.229.1 F980:01 FSoE Address 1956
3.229.2 F980:02 Serial Number 1956
3.229.3 F980:03 Project CRC 1956
3.229.4 F980:04 Default Project CRC 1957
3.230 F981:x CTRL Info data 1958
3.230.1 F981:01 Project Download Counter 1958
3.230.2 F981:02 Maximum Project Download Counter 1958
3.231 F984:x Device Info Data C1 1959
3.231.1 F984:01 Voltage C2 1959
3.231.2 F984:02 Temperature C1 1959
3.231.3 F984:03 Firmware CRC C1 1959
3.231.4 F984:04 Vendordata CRC C1 1960
3.231.5 F984:05 Calibrationdata CRC C1 1960
3.232 F985:x Device Info Data C2 1961
3.232.1 F985:01 Voltage C1 1961
3.232.2 F985:02 Temperature C2 1961
3.232.3 F985:03 Firmware CRC C2 1961
3.232.4 F985:04 Vendordata CRC C2 1962
3.232.5 F985:05 Calibrationdata CRC C2 1962
3.233 F988:x FB 1-255 Inputs 1963

3.233.1 F988:01 FB Inputs 1963
3.233.2 F988:02 FB Inputs 1963
3.233.3 F988:03 FB Inputs 1963
3.233.4 F988:04 FB Inputs 1964
3.233.5 F988:05 FB Inputs 1964
3.233.6 F988:06 FB Inputs 1964
3.233.7 F988:07 FB Inputs 1965
3.233.8 F988:08 FB Inputs 1965
3.233.9 F988:09 FB Inputs 1965
3.233.10 F988:0A FB Inputs 1965
3.233.11 F988:0B FB Inputs 1966
3.233.12 F988:0C FB Inputs 1966
3.233.13 F988:0D FB Inputs 1966
3.233.14 F988:0E FB Inputs 1967
3.233.15 F988:0F FB Inputs 1967
3.233.16 F988:10 FB Inputs 1967
3.233.17 F988:11 FB Inputs 1967
3.233.18 F988:12 FB Inputs 1968
3.233.19 F988:13 FB Inputs 1968
3.233.20 F988:14 FB Inputs 1968
3.233.21 F988:15 FB Inputs 1969
3.233.22 F988:16 FB Inputs 1969
3.233.23 F988:17 FB Inputs 1969
3.233.24 F988:18 FB Inputs 1969
3.233.25 F988:19 FB Inputs 1970
3.233.26 F988:1A FB Inputs 1970
3.233.27 F988:1B FB Inputs 1970
3.233.28 F988:1C FB Inputs 1971
3.233.29 F988:1D FB Inputs 1971
3.233.30 F988:1E FB Inputs 1971

3.233.3 F988:1F FB Inputs 1971
3.233.3 F988:20 FB Inputs 1972
3.233.3 F988:21 FB Inputs 1972
3.233.3 F988:22 FB Inputs 1972
3.233.3 F988:23 FB Inputs 1973
3.233.3 F988:24 FB Inputs 1973
3.233.3 F988:25 FB Inputs 1973
3.233.3 F988:26 FB Inputs 1973
3.233.3 F988:27 FB Inputs 1974
3.233.4 F988:28 FB Inputs 1974
3.233.4 F988:29 FB Inputs 1974
3.233.4 F988:2A FB Inputs 1975
3.233.4 F988:2B FB Inputs 1975
3.233.4 F988:2C FB Inputs 1975
3.233.4 F988:2D FB Inputs 1975
3.233.4 F988:2E FB Inputs 1976
3.233.4 F988:2F FB Inputs 1976
3.233.4 F988:30 FB Inputs 1976
3.233.4 F988:31 FB Inputs 1977
3.233.5 F988:32 FB Inputs 1977
3.233.5 F988:33 FB Inputs 1977
3.233.5 F988:34 FB Inputs 1977
3.233.5 F988:35 FB Inputs 1978
3.233.5 F988:36 FB Inputs 1978
3.233.5 F988:37 FB Inputs 1978
3.233.5 F988:38 FB Inputs 1979
3.233.5 F988:39 FB Inputs 1979

3.233.5 F988:3A FB Inputs 19798
3.233.5 F988:3B FB Inputs 19799
3.233.6 F988:3C FB Inputs 19800
3.233.6 F988:3D FB Inputs 19801
3.233.6 F988:3E FB Inputs 19802
3.233.6 F988:3F FB Inputs 19813
3.233.6 F988:40 FB Inputs 19814
3.233.6 F988:41 FB Inputs 19815
3.233.6 F988:42 FB Inputs 19816
3.233.6 F988:43 FB Inputs 19827
3.233.6 F988:44 FB Inputs 19828
3.233.6 F988:45 FB Inputs 19829
3.233.7 F988:46 FB Inputs 19830
3.233.7 F988:47 FB Inputs 19831
3.233.7 F988:48 FB Inputs 19832
3.233.7 F988:49 FB Inputs 19833
3.233.7 F988:4A FB Inputs 19844
3.233.7 F988:4B FB Inputs 19845
3.233.7 F988:4C FB Inputs 19846
3.233.7 F988:4D FB Inputs 19857
3.233.7 F988:4E FB Inputs 19858
3.233.7 F988:4F FB Inputs 19859
3.233.8 F988:50 FB Inputs 19850
3.233.8 F988:51 FB Inputs 19861
3.233.8 F988:52 FB Inputs 19862
3.233.8 F988:53 FB Inputs 19863

3.233.8 F988:54 FB Inputs 1987
4
3.233.8 F988:55 FB Inputs 1987
5
3.233.8 F988:56 FB Inputs 1987
6
3.233.8 F988:57 FB Inputs 1987
7
3.233.8 F988:58 FB Inputs 1988
8
3.233.8 F988:59 FB Inputs 1988
9
3.233.9 F988:5A FB Inputs 1988
0
3.233.9 F988:5B FB Inputs 1989
1
3.233.9 F988:5C FB Inputs 1989
2
3.233.9 F988:5D FB Inputs 1989
3
3.233.9 F988:5E FB Inputs 1989
4
3.233.9 F988:5F FB Inputs 1990
5
3.233.9 F988:60 FB Inputs 1990
6
3.233.9 F988:61 FB Inputs 1990
7
3.233.9 F988:62 FB Inputs 1991
8
3.233.9 F988:63 FB Inputs 1991
9
3.233.1 F988:64 FB Inputs 1991
00
3.233.1 F988:65 FB Inputs 1991
01
3.233.1 F988:66 FB Inputs 1992
02
3.233.1 F988:67 FB Inputs 1992
03
3.233.1 F988:68 FB Inputs 1992
04
3.233.1 F988:69 FB Inputs 1993
05
3.233.1 F988:6A FB Inputs 1993
06
3.233.1 F988:6B FB Inputs 1993
07
3.233.1 F988:6C FB Inputs 1993
08
3.233.1 F988:6D FB Inputs 1994
09
3.233.1 F988:6E FB Inputs 1994
10

3.233.1 F988:6F FB Inputs 1994
11
3.233.1 F988:70 FB Inputs 1995
12
3.233.1 F988:71 FB Inputs 1995
13
3.233.1 F988:72 FB Inputs 1995
14
3.233.1 F988:73 FB Inputs 1995
15
3.233.1 F988:74 FB Inputs 1996
16
3.233.1 F988:75 FB Inputs 1996
17
3.233.1 F988:76 FB Inputs 1996
18
3.233.1 F988:77 FB Inputs 1997
19
3.233.1 F988:78 FB Inputs 1997
20
3.233.1 F988:79 FB Inputs 1997
21
3.233.1 F988:7A FB Inputs 1997
22
3.233.1 F988:7B FB Inputs 1998
23
3.233.1 F988:7C FB Inputs 1998
24
3.233.1 F988:7D FB Inputs 1998
25
3.233.1 F988:7E FB Inputs 1999
26
3.233.1 F988:7F FB Inputs 1999
27
3.233.1 F988:80 FB Inputs 1999
28
3.233.1 F988:81 FB Inputs 1999
29
3.233.1 F988:82 FB Inputs 2000
30
3.233.1 F988:83 FB Inputs 2000
31
3.233.1 F988:84 FB Inputs 2000
32
3.233.1 F988:85 FB Inputs 2001
33
3.233.1 F988:86 FB Inputs 2001
34
3.233.1 F988:87 FB Inputs 2001
35
3.233.1 F988:88 FB Inputs 2001
36

3.233.1 F988:89 FB Inputs 2002
37
3.233.1 F988:8A FB Inputs 2002
38
3.233.1 F988:8B FB Inputs 2002
39
3.233.1 F988:8C FB Inputs 2003
40
3.233.1 F988:8D FB Inputs 2003
41
3.233.1 F988:8E FB Inputs 2003
42
3.233.1 F988:8F FB Inputs 2003
43
3.233.1 F988:90 FB Inputs 2004
44
3.233.1 F988:91 FB Inputs 2004
45
3.233.1 F988:92 FB Inputs 2004
46
3.233.1 F988:93 FB Inputs 2005
47
3.233.1 F988:94 FB Inputs 2005
48
3.233.1 F988:95 FB Inputs 2005
49
3.233.1 F988:96 FB Inputs 2005
50
3.233.1 F988:97 FB Inputs 2006
51
3.233.1 F988:98 FB Inputs 2006
52
3.233.1 F988:99 FB Inputs 2006
53
3.233.1 F988:9A FB Inputs 2007
54
3.233.1 F988:9B FB Inputs 2007
55
3.233.1 F988:9C FB Inputs 2007
56
3.233.1 F988:9D FB Inputs 2007
57
3.233.1 F988:9E FB Inputs 2008
58
3.233.1 F988:9F FB Inputs 2008
59
3.233.1 F988:A0 FB Inputs 2008
60
3.233.1 F988:A1 FB Inputs 2009
61
3.233.1 F988:A2 FB Inputs 2009
62
3.233.1 F988:A3 FB Inputs 2009
63

3.233.1 F988:A4 FB Inputs 2009
64
3.233.1 F988:A5 FB Inputs 2010
65
3.233.1 F988:A6 FB Inputs 2010
66
3.233.1 F988:A7 FB Inputs 2010
67
3.233.1 F988:A8 FB Inputs 2011
68
3.233.1 F988:A9 FB Inputs 2011
69
3.233.1 F988:AA FB Inputs 2011
70
3.233.1 F988:AB FB Inputs 2011
71
3.233.1 F988:AC FB Inputs 2012
72
3.233.1 F988:AD FB Inputs 2012
73
3.233.1 F988:AE FB Inputs 2012
74
3.233.1 F988:AF FB Inputs 2013
75
3.233.1 F988:B0 FB Inputs 2013
76
3.233.1 F988:B1 FB Inputs 2013
77
3.233.1 F988:B2 FB Inputs 2013
78
3.233.1 F988:B3 FB Inputs 2014
79
3.233.1 F988:B4 FB Inputs 2014
80
3.233.1 F988:B5 FB Inputs 2014
81
3.233.1 F988:B6 FB Inputs 2015
82
3.233.1 F988:B7 FB Inputs 2015
83
3.233.1 F988:B8 FB Inputs 2015
84
3.233.1 F988:B9 FB Inputs 2015
85
3.233.1 F988:BA FB Inputs 2016
86
3.233.1 F988:BB FB Inputs 2016
87
3.233.1 F988:BC FB Inputs 2016
88
3.233.1 F988:BD FB Inputs 2017
89

3.233.1 F988:BE FB Inputs 2017
90
3.233.1 F988:BF FB Inputs 2017
91
3.233.1 F988:C0 FB Inputs 2017
92
3.233.1 F988:C1 FB Inputs 2018
93
3.233.1 F988:C2 FB Inputs 2018
94
3.233.1 F988:C3 FB Inputs 2018
95
3.233.1 F988:C4 FB Inputs 2019
96
3.233.1 F988:C5 FB Inputs 2019
97
3.233.1 F988:C6 FB Inputs 2019
98
3.233.1 F988:C7 FB Inputs 2019
99
3.233.2 F988:C8 FB Inputs 2020
00
3.233.2 F988:C9 FB Inputs 2020
01
3.233.2 F988:CA FB Inputs 2020
02
3.233.2 F988:CB FB Inputs 2021
03
3.233.2 F988:CC FB Inputs 2021
04
3.233.2 F988:CD FB Inputs 2021
05
3.233.2 F988:CE FB Inputs 2021
06
3.233.2 F988:CF FB Inputs 2022
07
3.233.2 F988:D0 FB Inputs 2022
08
3.233.2 F988:D1 FB Inputs 2022
09
3.233.2 F988:D2 FB Inputs 2023
10
3.233.2 F988:D3 FB Inputs 2023
11
3.233.2 F988:D4 FB Inputs 2023
12
3.233.2 F988:D5 FB Inputs 2023
13
3.233.2 F988:D6 FB Inputs 2024
14
3.233.2 F988:D7 FB Inputs 2024
15
3.233.2 F988:D8 FB Inputs 2024
16

3.233.2 F988:D9 FB Inputs 2025
17
3.233.2 F988:DA FB Inputs 2025
18
3.233.2 F988:DB FB Inputs 2025
19
3.233.2 F988:DC FB Inputs 2025
20
3.233.2 F988:DD FB Inputs 2026
21
3.233.2 F988:DE FB Inputs 2026
22
3.233.2 F988:DF FB Inputs 2026
23
3.233.2 F988:E0 FB Inputs 2027
24
3.233.2 F988:E1 FB Inputs 2027
25
3.233.2 F988:E2 FB Inputs 2027
26
3.233.2 F988:E3 FB Inputs 2027
27
3.233.2 F988:E4 FB Inputs 2028
28
3.233.2 F988:E5 FB Inputs 2028
29
3.233.2 F988:E6 FB Inputs 2028
30
3.233.2 F988:E7 FB Inputs 2029
31
3.233.2 F988:E8 FB Inputs 2029
32
3.233.2 F988:E9 FB Inputs 2029
33
3.233.2 F988:EA FB Inputs 2029
34
3.233.2 F988:EB FB Inputs 2030
35
3.233.2 F988:EC FB Inputs 2030
36
3.233.2 F988:ED FB Inputs 2030
37
3.233.2 F988:EE FB Inputs 2031
38
3.233.2 F988:EF FB Inputs 2031
39
3.233.2 F988:F0 FB Inputs 2031
40
3.233.2 F988:F1 FB Inputs 2031
41
3.233.2 F988:F2 FB Inputs 2032
42

3.233.2 F988:F3 FB Inputs 2032
43
3.233.2 F988:F4 FB Inputs 2032
44
3.233.2 F988:F5 FB Inputs 2033
45
3.233.2 F988:F6 FB Inputs 2033
46
3.233.2 F988:F7 FB Inputs 2033
47
3.233.2 F988:F8 FB Inputs 2033
48
3.233.2 F988:F9 FB Inputs 2034
49
3.233.2 F988:FA FB Inputs 2034
50
3.233.2 F988:FB FB Inputs 2034
51
3.233.2 F988:FC FB Inputs 2035
52
3.233.2 F988:FD FB Inputs 2035
53
3.233.2 F988:FE FB Inputs 2035
54
3.233.2 F988:FF FB Inputs 2035
55
3.234 F989:x FB 256-510 Inputs 2037
3.234.1 F989:01 FB Inputs 2037
3.234.2 F989:02 FB Inputs 2037
3.234.3 F989:03 FB Inputs 2037
3.234.4 F989:04 FB Inputs 2038
3.234.5 F989:05 FB Inputs 2038
3.234.6 F989:06 FB Inputs 2038
3.234.7 F989:07 FB Inputs 2039
3.234.8 F989:08 FB Inputs 2039
3.234.9 F989:09 FB Inputs 2039
3.234.1 F989:0A FB Inputs 2039
0
3.234.1 F989:0B FB Inputs 2040
1
3.234.1 F989:0C FB Inputs 2040
2
3.234.1 F989:0D FB Inputs 2040
3
3.234.1 F989:0E FB Inputs 2041
4
3.234.1 F989:0F FB Inputs 2041
5
3.234.1 F989:10 FB Inputs 2041
6
3.234.1 F989:11 FB Inputs 2041
7

3.234.1 F989:12 FB Inputs 2042
8
3.234.1 F989:13 FB Inputs 2042
9
3.234.2 F989:14 FB Inputs 2042
0
3.234.2 F989:15 FB Inputs 2043
1
3.234.2 F989:16 FB Inputs 2043
2
3.234.2 F989:17 FB Inputs 2043
3
3.234.2 F989:18 FB Inputs 2043
4
3.234.2 F989:19 FB Inputs 2044
5
3.234.2 F989:1A FB Inputs 2044
6
3.234.2 F989:1B FB Inputs 2044
7
3.234.2 F989:1C FB Inputs 2045
8
3.234.2 F989:1D FB Inputs 2045
9
3.234.3 F989:1E FB Inputs 2045
0
3.234.3 F989:1F FB Inputs 2045
1
3.234.3 F989:20 FB Inputs 2046
2
3.234.3 F989:21 FB Inputs 2046
3
3.234.3 F989:22 FB Inputs 2046
4
3.234.3 F989:23 FB Inputs 2047
5
3.234.3 F989:24 FB Inputs 2047
6
3.234.3 F989:25 FB Inputs 2047
7
3.234.3 F989:26 FB Inputs 2047
8
3.234.3 F989:27 FB Inputs 2048
9
3.234.4 F989:28 FB Inputs 2048
0
3.234.4 F989:29 FB Inputs 2048
1
3.234.4 F989:2A FB Inputs 2049
2
3.234.4 F989:2B FB Inputs 2049
3

3.234.4 F989:2C FB Inputs 2049
4
3.234.4 F989:2D FB Inputs 2049
5
3.234.4 F989:2E FB Inputs 2050
6
3.234.4 F989:2F FB Inputs 2050
7
3.234.4 F989:30 FB Inputs 2050
8
3.234.4 F989:31 FB Inputs 2051
9
3.234.5 F989:32 FB Inputs 2051
0
3.234.5 F989:33 FB Inputs 2051
1
3.234.5 F989:34 FB Inputs 2051
2
3.234.5 F989:35 FB Inputs 2052
3
3.234.5 F989:36 FB Inputs 2052
4
3.234.5 F989:37 FB Inputs 2052
5
3.234.5 F989:38 FB Inputs 2053
6
3.234.5 F989:39 FB Inputs 2053
7
3.234.5 F989:3A FB Inputs 2053
8
3.234.5 F989:3B FB Inputs 2053
9
3.234.6 F989:3C FB Inputs 2054
0
3.234.6 F989:3D FB Inputs 2054
1
3.234.6 F989:3E FB Inputs 2054
2
3.234.6 F989:3F FB Inputs 2055
3
3.234.6 F989:40 FB Inputs 2055
4
3.234.6 F989:41 FB Inputs 2055
5
3.234.6 F989:42 FB Inputs 2055
6
3.234.6 F989:43 FB Inputs 2056
7
3.234.6 F989:44 FB Inputs 2056
8
3.234.6 F989:45 FB Inputs 2056
9
3.234.7 F989:46 FB Inputs 2057
0

3.234.7 F989:47 FB Inputs 2057
1
3.234.7 F989:48 FB Inputs 2057
2
3.234.7 F989:49 FB Inputs 2057
3
3.234.7 F989:4A FB Inputs 2058
4
3.234.7 F989:4B FB Inputs 2058
5
3.234.7 F989:4C FB Inputs 2058
6
3.234.7 F989:4D FB Inputs 2059
7
3.234.7 F989:4E FB Inputs 2059
8
3.234.7 F989:4F FB Inputs 2059
9
3.234.8 F989:50 FB Inputs 2059
0
3.234.8 F989:51 FB Inputs 2060
1
3.234.8 F989:52 FB Inputs 2060
2
3.234.8 F989:53 FB Inputs 2060
3
3.234.8 F989:54 FB Inputs 2061
4
3.234.8 F989:55 FB Inputs 2061
5
3.234.8 F989:56 FB Inputs 2061
6
3.234.8 F989:57 FB Inputs 2061
7
3.234.8 F989:58 FB Inputs 2062
8
3.234.8 F989:59 FB Inputs 2062
9
3.234.9 F989:5A FB Inputs 2062
0
3.234.9 F989:5B FB Inputs 2063
1
3.234.9 F989:5C FB Inputs 2063
2
3.234.9 F989:5D FB Inputs 2063
3
3.234.9 F989:5E FB Inputs 2063
4
3.234.9 F989:5F FB Inputs 2064
5
3.234.9 F989:60 FB Inputs 2064
6

3.234.9 F989:61 FB Inputs 2064
7
3.234.9 F989:62 FB Inputs 2065
8
3.234.9 F989:63 FB Inputs 2065
9
3.234.1 F989:64 FB Inputs 2065
00
3.234.1 F989:65 FB Inputs 2065
01
3.234.1 F989:66 FB Inputs 2066
02
3.234.1 F989:67 FB Inputs 2066
03
3.234.1 F989:68 FB Inputs 2066
04
3.234.1 F989:69 FB Inputs 2067
05
3.234.1 F989:6A FB Inputs 2067
06
3.234.1 F989:6B FB Inputs 2067
07
3.234.1 F989:6C FB Inputs 2067
08
3.234.1 F989:6D FB Inputs 2068
09
3.234.1 F989:6E FB Inputs 2068
10
3.234.1 F989:6F FB Inputs 2068
11
3.234.1 F989:70 FB Inputs 2069
12
3.234.1 F989:71 FB Inputs 2069
13
3.234.1 F989:72 FB Inputs 2069
14
3.234.1 F989:73 FB Inputs 2069
15
3.234.1 F989:74 FB Inputs 2070
16
3.234.1 F989:75 FB Inputs 2070
17
3.234.1 F989:76 FB Inputs 2070
18
3.234.1 F989:77 FB Inputs 2071
19
3.234.1 F989:78 FB Inputs 2071
20
3.234.1 F989:79 FB Inputs 2071
21
3.234.1 F989:7A FB Inputs 2071
22
3.234.1 F989:7B FB Inputs 2072
23

3.234.1 F989:7C FB Inputs 2072
24
3.234.1 F989:7D FB Inputs 2072
25
3.234.1 F989:7E FB Inputs 2073
26
3.234.1 F989:7F FB Inputs 2073
27
3.234.1 F989:80 FB Inputs 2073
28
3.234.1 F989:81 FB Inputs 2073
29
3.234.1 F989:82 FB Inputs 2074
30
3.234.1 F989:83 FB Inputs 2074
31
3.234.1 F989:84 FB Inputs 2074
32
3.234.1 F989:85 FB Inputs 2075
33
3.234.1 F989:86 FB Inputs 2075
34
3.234.1 F989:87 FB Inputs 2075
35
3.234.1 F989:88 FB Inputs 2075
36
3.234.1 F989:89 FB Inputs 2076
37
3.234.1 F989:8A FB Inputs 2076
38
3.234.1 F989:8B FB Inputs 2076
39
3.234.1 F989:8C FB Inputs 2077
40
3.234.1 F989:8D FB Inputs 2077
41
3.234.1 F989:8E FB Inputs 2077
42
3.234.1 F989:8F FB Inputs 2077
43
3.234.1 F989:90 FB Inputs 2078
44
3.234.1 F989:91 FB Inputs 2078
45
3.234.1 F989:92 FB Inputs 2078
46
3.234.1 F989:93 FB Inputs 2079
47
3.234.1 F989:94 FB Inputs 2079
48
3.234.1 F989:95 FB Inputs 2079
49

3.234.1 F989:96 FB Inputs 2079
50
3.234.1 F989:97 FB Inputs 2080
51
3.234.1 F989:98 FB Inputs 2080
52
3.234.1 F989:99 FB Inputs 2080
53
3.234.1 F989:9A FB Inputs 2081
54
3.234.1 F989:9B FB Inputs 2081
55
3.234.1 F989:9C FB Inputs 2081
56
3.234.1 F989:9D FB Inputs 2081
57
3.234.1 F989:9E FB Inputs 2082
58
3.234.1 F989:9F FB Inputs 2082
59
3.234.1 F989:A0 FB Inputs 2082
60
3.234.1 F989:A1 FB Inputs 2083
61
3.234.1 F989:A2 FB Inputs 2083
62
3.234.1 F989:A3 FB Inputs 2083
63
3.234.1 F989:A4 FB Inputs 2083
64
3.234.1 F989:A5 FB Inputs 2084
65
3.234.1 F989:A6 FB Inputs 2084
66
3.234.1 F989:A7 FB Inputs 2084
67
3.234.1 F989:A8 FB Inputs 2085
68
3.234.1 F989:A9 FB Inputs 2085
69
3.234.1 F989:AA FB Inputs 2085
70
3.234.1 F989:AB FB Inputs 2085
71
3.234.1 F989:AC FB Inputs 2086
72
3.234.1 F989:AD FB Inputs 2086
73
3.234.1 F989:AE FB Inputs 2086
74
3.234.1 F989:AF FB Inputs 2087
75
3.234.1 F989:B0 FB Inputs 2087
76

3.234.1 F989:B1 FB Inputs 2087
77
3.234.1 F989:B2 FB Inputs 2087
78
3.234.1 F989:B3 FB Inputs 2088
79
3.234.1 F989:B4 FB Inputs 2088
80
3.234.1 F989:B5 FB Inputs 2088
81
3.234.1 F989:B6 FB Inputs 2089
82
3.234.1 F989:B7 FB Inputs 2089
83
3.234.1 F989:B8 FB Inputs 2089
84
3.234.1 F989:B9 FB Inputs 2089
85
3.234.1 F989:BA FB Inputs 2090
86
3.234.1 F989:BB FB Inputs 2090
87
3.234.1 F989:BC FB Inputs 2090
88
3.234.1 F989:BD FB Inputs 2091
89
3.234.1 F989:BE FB Inputs 2091
90
3.234.1 F989:BF FB Inputs 2091
91
3.234.1 F989:C0 FB Inputs 2091
92
3.234.1 F989:C1 FB Inputs 2092
93
3.234.1 F989:C2 FB Inputs 2092
94
3.234.1 F989:C3 FB Inputs 2092
95
3.234.1 F989:C4 FB Inputs 2093
96
3.234.1 F989:C5 FB Inputs 2093
97
3.234.1 F989:C6 FB Inputs 2093
98
3.234.1 F989:C7 FB Inputs 2093
99
3.234.2 F989:C8 FB Inputs 2094
00
3.234.2 F989:C9 FB Inputs 2094
01
3.234.2 F989:CA FB Inputs 2094
02

3.234.2 F989:CB FB Inputs 2095
03
3.234.2 F989:CC FB Inputs 2095
04
3.234.2 F989:CD FB Inputs 2095
05
3.234.2 F989:CE FB Inputs 2095
06
3.234.2 F989:CF FB Inputs 2096
07
3.234.2 F989:D0 FB Inputs 2096
08
3.234.2 F989:D1 FB Inputs 2096
09
3.234.2 F989:D2 FB Inputs 2097
10
3.234.2 F989:D3 FB Inputs 2097
11
3.234.2 F989:D4 FB Inputs 2097
12
3.234.2 F989:D5 FB Inputs 2097
13
3.234.2 F989:D6 FB Inputs 2098
14
3.234.2 F989:D7 FB Inputs 2098
15
3.234.2 F989:D8 FB Inputs 2098
16
3.234.2 F989:D9 FB Inputs 2099
17
3.234.2 F989:DA FB Inputs 2099
18
3.234.2 F989:DB FB Inputs 2099
19
3.234.2 F989:DC FB Inputs 2099
20
3.234.2 F989:DD FB Inputs 2100
21
3.234.2 F989:DE FB Inputs 2100
22
3.234.2 F989:DF FB Inputs 2100
23
3.234.2 F989:E0 FB Inputs 2101
24
3.234.2 F989:E1 FB Inputs 2101
25
3.234.2 F989:E2 FB Inputs 2101
26
3.234.2 F989:E3 FB Inputs 2101
27
3.234.2 F989:E4 FB Inputs 2102
28
3.234.2 F989:E5 FB Inputs 2102
29

3.234.2 F989:E6 FB Inputs 2102
30
3.234.2 F989:E7 FB Inputs 2103
31
3.234.2 F989:E8 FB Inputs 2103
32
3.234.2 F989:E9 FB Inputs 2103
33
3.234.2 F989:EA FB Inputs 2103
34
3.234.2 F989:EB FB Inputs 2104
35
3.234.2 F989:EC FB Inputs 2104
36
3.234.2 F989:ED FB Inputs 2104
37
3.234.2 F989:EE FB Inputs 2105
38
3.234.2 F989:EF FB Inputs 2105
39
3.234.2 F989:F0 FB Inputs 2105
40
3.234.2 F989:F1 FB Inputs 2105
41
3.234.2 F989:F2 FB Inputs 2106
42
3.234.2 F989:F3 FB Inputs 2106
43
3.234.2 F989:F4 FB Inputs 2106
44
3.234.2 F989:F5 FB Inputs 2107
45
3.234.2 F989:F6 FB Inputs 2107
46
3.234.2 F989:F7 FB Inputs 2107
47
3.234.2 F989:F8 FB Inputs 2107
48
3.234.2 F989:F9 FB Inputs 2108
49
3.234.2 F989:FA FB Inputs 2108
50
3.234.2 F989:FB FB Inputs 2108
51
3.234.2 F989:FC FB Inputs 2109
52
3.234.2 F989:FD FB Inputs 2109
53
3.234.2 F989:FE FB Inputs 2109
54
3.234.2 F989:FF FB Inputs 2109
55
3.235 F98A:x FB 511-512 Inputs 2111

3.235.1 F98A:01 FB Inputs 2111
3.235.2 F98A:02 FB Inputs 2111
3.235.3 F98A:03 FB Inputs 2111
3.235.4 F98A:04 FB Inputs 2112
3.235.5 F98A:05 FB Inputs 2112
3.235.6 F98A:06 FB Inputs 2112
3.235.7 F98A:07 FB Inputs 2113
3.235.8 F98A:08 FB Inputs 2113
3.235.9 F98A:09 FB Inputs 2113
3.235.10 F98A:0A FB Inputs 2113
3.235.11 F98A:0B FB Inputs 2114
3.235.12 F98A:0C FB Inputs 2114
3.235.13 F98A:0D FB Inputs 2114
3.235.14 F98A:0E FB Inputs 2115
3.235.15 F98A:0F FB Inputs 2115
3.235.16 F98A:10 FB Inputs 2115
3.235.17 F98A:11 FB Inputs 2115
3.235.18 F98A:12 FB Inputs 2116
3.235.19 F98A:13 FB Inputs 2116
3.235.20 F98A:14 FB Inputs 2116
3.235.21 F98A:15 FB Inputs 2117
3.235.22 F98A:16 FB Inputs 2117
3.235.23 F98A:17 FB Inputs 2117
3.235.24 F98A:18 FB Inputs 2117
3.235.25 F98A:19 FB Inputs 2118
3.235.26 F98A:1A FB Inputs 2118
3.235.27 F98A:1B FB Inputs 2118
3.235.28 F98A:1C FB Inputs 2119
3.235.29 F98A:1D FB Inputs 2119
3.235.30 F98A:1E FB Inputs 2119
3.235.31 F98A:1F FB Inputs 2119

3.235.3 F98A:20 FB Inputs 2120
2
3.235.3 F98A:21 FB Inputs 2120
3
3.235.3 F98A:22 FB Inputs 2120
4
3.235.3 F98A:23 FB Inputs 2121
5
3.235.3 F98A:24 FB Inputs 2121
6
3.235.3 F98A:25 FB Inputs 2121
7
3.235.3 F98A:26 FB Inputs 2121
8
3.235.3 F98A:27 FB Inputs 2122
9
3.235.4 F98A:28 FB Inputs 2122
0
3.235.4 F98A:29 FB Inputs 2122
1
3.235.4 F98A:2A FB Inputs 2123
2
3.235.4 F98A:2B FB Inputs 2123
3
3.235.4 F98A:2C FB Inputs 2123
4
3.235.4 F98A:2D FB Inputs 2123
5
3.235.4 F98A:2E FB Inputs 2124
6
3.235.4 F98A:2F FB Inputs 2124
7
3.235.4 F98A:30 FB Inputs 2124
8
3.235.4 F98A:31 FB Inputs 2125
9
3.235.5 F98A:32 FB Inputs 2125
0
3.235.5 F98A:33 FB Inputs 2125
1
3.235.5 F98A:34 FB Inputs 2125
2
3.235.5 F98A:35 FB Inputs 2126
3
3.235.5 F98A:36 FB Inputs 2126
4
3.235.5 F98A:37 FB Inputs 2126
5
3.235.5 F98A:38 FB Inputs 2127
6
3.235.5 F98A:39 FB Inputs 2127
7

3.235.5 F98A:3A FB Inputs 2127
8
3.235.5 F98A:3B FB Inputs 2127
9
3.235.6 F98A:3C FB Inputs 2128
0
3.235.6 F98A:3D FB Inputs 2128
1
3.235.6 F98A:3E FB Inputs 2128
2
3.235.6 F98A:3F FB Inputs 2129
3
3.235.6 F98A:40 FB Inputs 2129
4
3.235.6 F98A:41 FB Inputs 2129
5
3.235.6 F98A:42 FB Inputs 2129
6
3.235.6 F98A:43 FB Inputs 2130
7
3.235.6 F98A:44 FB Inputs 2130
8
3.235.6 F98A:45 FB Inputs 2130
9
3.235.7 F98A:46 FB Inputs 2131
0
3.235.7 F98A:47 FB Inputs 2131
1
3.235.7 F98A:48 FB Inputs 2131
2
3.235.7 F98A:49 FB Inputs 2131
3
3.235.7 F98A:4A FB Inputs 2132
4
3.235.7 F98A:4B FB Inputs 2132
5
3.235.7 F98A:4C FB Inputs 2132
6
3.235.7 F98A:4D FB Inputs 2133
7
3.235.7 F98A:4E FB Inputs 2133
8
3.235.7 F98A:4F FB Inputs 2133
9
3.235.8 F98A:50 FB Inputs 2133
0
3.235.8 F98A:51 FB Inputs 2134
1
3.235.8 F98A:52 FB Inputs 2134
2
3.235.8 F98A:53 FB Inputs 2134
3
3.235.8 F98A:54 FB Inputs 2135
4

3.235.8 F98A:55 FB Inputs 2135
5
3.235.8 F98A:56 FB Inputs 2135
6
3.235.8 F98A:57 FB Inputs 2135
7
3.235.8 F98A:58 FB Inputs 2136
8
3.235.8 F98A:59 FB Inputs 2136
9
3.235.9 F98A:5A FB Inputs 2136
0
3.235.9 F98A:5B FB Inputs 2137
1
3.235.9 F98A:5C FB Inputs 2137
2
3.235.9 F98A:5D FB Inputs 2137
3
3.235.9 F98A:5E FB Inputs 2137
4
3.235.9 F98A:5F FB Inputs 2138
5
3.235.9 F98A:60 FB Inputs 2138
6
3.235.9 F98A:61 FB Inputs 2138
7
3.235.9 F98A:62 FB Inputs 2139
8
3.235.9 F98A:63 FB Inputs 2139
9
3.235.1 F98A:64 FB Inputs 2139
00
3.235.1 F98A:65 FB Inputs 2139
01
3.235.1 F98A:66 FB Inputs 2140
02
3.235.1 F98A:67 FB Inputs 2140
03
3.235.1 F98A:68 FB Inputs 2140
04
3.235.1 F98A:69 FB Inputs 2141
05
3.235.1 F98A:6A FB Inputs 2141
06
3.235.1 F98A:6B FB Inputs 2141
07
3.235.1 F98A:6C FB Inputs 2141
08
3.235.1 F98A:6D FB Inputs 2142
09
3.235.1 F98A:6E FB Inputs 2142
10

3.235.1 F98A:6F FB Inputs 2142
11
3.235.1 F98A:70 FB Inputs 2143
12
3.235.1 F98A:71 FB Inputs 2143
13
3.235.1 F98A:72 FB Inputs 2143
14
3.235.1 F98A:73 FB Inputs 2143
15
3.235.1 F98A:74 FB Inputs 2144
16
3.235.1 F98A:75 FB Inputs 2144
17
3.235.1 F98A:76 FB Inputs 2144
18
3.235.1 F98A:77 FB Inputs 2145
19
3.235.1 F98A:78 FB Inputs 2145
20
3.235.1 F98A:79 FB Inputs 2145
21
3.235.1 F98A:7A FB Inputs 2145
22
3.235.1 F98A:7B FB Inputs 2146
23
3.235.1 F98A:7C FB Inputs 2146
24
3.235.1 F98A:7D FB Inputs 2146
25
3.235.1 F98A:7E FB Inputs 2147
26
3.235.1 F98A:7F FB Inputs 2147
27
3.235.1 F98A:80 FB Inputs 2147
28
3.235.1 F98A:81 FB Inputs 2147
29
3.235.1 F98A:82 FB Inputs 2148
30
3.235.1 F98A:83 FB Inputs 2148
31
3.235.1 F98A:84 FB Inputs 2148
32
3.235.1 F98A:85 FB Inputs 2149
33
3.235.1 F98A:86 FB Inputs 2149
34
3.235.1 F98A:87 FB Inputs 2149
35
3.235.1 F98A:88 FB Inputs 2149
36
3.235.1 F98A:89 FB Inputs 2150
37

3.235.1 F98A:8A FB Inputs 2150
38
3.235.1 F98A:8B FB Inputs 2150
39
3.235.1 F98A:8C FB Inputs 2151
40
3.235.1 F98A:8D FB Inputs 2151
41
3.235.1 F98A:8E FB Inputs 2151
42
3.235.1 F98A:8F FB Inputs 2151
43
3.235.1 F98A:90 FB Inputs 2152
44
3.235.1 F98A:91 FB Inputs 2152
45
3.235.1 F98A:92 FB Inputs 2152
46
3.235.1 F98A:93 FB Inputs 2153
47
3.235.1 F98A:94 FB Inputs 2153
48
3.235.1 F98A:95 FB Inputs 2153
49
3.235.1 F98A:96 FB Inputs 2153
50
3.235.1 F98A:97 FB Inputs 2154
51
3.235.1 F98A:98 FB Inputs 2154
52
3.235.1 F98A:99 FB Inputs 2154
53
3.235.1 F98A:9A FB Inputs 2155
54
3.235.1 F98A:9B FB Inputs 2155
55
3.235.1 F98A:9C FB Inputs 2155
56
3.235.1 F98A:9D FB Inputs 2155
57
3.235.1 F98A:9E FB Inputs 2156
58
3.235.1 F98A:9F FB Inputs 2156
59
3.235.1 F98A:A0 FB Inputs 2156
60
3.235.1 F98A:A1 FB Inputs 2157
61
3.235.1 F98A:A2 FB Inputs 2157
62
3.235.1 F98A:A3 FB Inputs 2157
63

3.235.1 F98A:A4 FB Inputs 2157
64
3.235.1 F98A:A5 FB Inputs 2158
65
3.235.1 F98A:A6 FB Inputs 2158
66
3.235.1 F98A:A7 FB Inputs 2158
67
3.235.1 F98A:A8 FB Inputs 2159
68
3.235.1 F98A:A9 FB Inputs 2159
69
3.235.1 F98A:AA FB Inputs 2159
70
3.235.1 F98A:AB FB Inputs 2159
71
3.235.1 F98A:AC FB Inputs 2160
72
3.235.1 F98A:AD FB Inputs 2160
73
3.235.1 F98A:AE FB Inputs 2160
74
3.235.1 F98A:AF FB Inputs 2161
75
3.235.1 F98A:B0 FB Inputs 2161
76
3.235.1 F98A:B1 FB Inputs 2161
77
3.235.1 F98A:B2 FB Inputs 2161
78
3.235.1 F98A:B3 FB Inputs 2162
79
3.235.1 F98A:B4 FB Inputs 2162
80
3.235.1 F98A:B5 FB Inputs 2162
81
3.235.1 F98A:B6 FB Inputs 2163
82
3.235.1 F98A:B7 FB Inputs 2163
83
3.235.1 F98A:B8 FB Inputs 2163
84
3.235.1 F98A:B9 FB Inputs 2163
85
3.235.1 F98A:BA FB Inputs 2164
86
3.235.1 F98A:BB FB Inputs 2164
87
3.235.1 F98A:BC FB Inputs 2164
88
3.235.1 F98A:BD FB Inputs 2165
89
3.235.1 F98A:BE FB Inputs 2165
90

3.235.1 F98A:BF FB Inputs 2165
91
3.235.1 F98A:C0 FB Inputs 2165
92
3.235.1 F98A:C1 FB Inputs 2166
93
3.235.1 F98A:C2 FB Inputs 2166
94
3.235.1 F98A:C3 FB Inputs 2166
95
3.235.1 F98A:C4 FB Inputs 2167
96
3.235.1 F98A:C5 FB Inputs 2167
97
3.235.1 F98A:C6 FB Inputs 2167
98
3.235.1 F98A:C7 FB Inputs 2167
99
3.235.2 F98A:C8 FB Inputs 2168
00
3.235.2 F98A:C9 FB Inputs 2168
01
3.235.2 F98A:CA FB Inputs 2168
02
3.235.2 F98A:CB FB Inputs 2169
03
3.235.2 F98A:CC FB Inputs 2169
04
3.235.2 F98A:CD FB Inputs 2169
05
3.235.2 F98A:CE FB Inputs 2169
06
3.235.2 F98A:CF FB Inputs 2170
07
3.235.2 F98A:D0 FB Inputs 2170
08
3.235.2 F98A:D1 FB Inputs 2170
09
3.235.2 F98A:D2 FB Inputs 2171
10
3.235.2 F98A:D3 FB Inputs 2171
11
3.235.2 F98A:D4 FB Inputs 2171
12
3.235.2 F98A:D5 FB Inputs 2171
13
3.235.2 F98A:D6 FB Inputs 2172
14
3.235.2 F98A:D7 FB Inputs 2172
15
3.235.2 F98A:D8 FB Inputs 2172
16

3.235.2 F98A:D9 FB Inputs 2173
17
3.235.2 F98A:DA FB Inputs 2173
18
3.235.2 F98A:DB FB Inputs 2173
19
3.235.2 F98A:DC FB Inputs 2173
20
3.235.2 F98A:DD FB Inputs 2174
21
3.235.2 F98A:DE FB Inputs 2174
22
3.235.2 F98A:DF FB Inputs 2174
23
3.235.2 F98A:E0 FB Inputs 2175
24
3.235.2 F98A:E1 FB Inputs 2175
25
3.235.2 F98A:E2 FB Inputs 2175
26
3.235.2 F98A:E3 FB Inputs 2175
27
3.235.2 F98A:E4 FB Inputs 2176
28
3.235.2 F98A:E5 FB Inputs 2176
29
3.235.2 F98A:E6 FB Inputs 2176
30
3.235.2 F98A:E7 FB Inputs 2177
31
3.235.2 F98A:E8 FB Inputs 2177
32
3.235.2 F98A:E9 FB Inputs 2177
33
3.235.2 F98A:EA FB Inputs 2177
34
3.235.2 F98A:EB FB Inputs 2178
35
3.235.2 F98A:EC FB Inputs 2178
36
3.235.2 F98A:ED FB Inputs 2178
37
3.235.2 F98A:EE FB Inputs 2179
38
3.235.2 F98A:EF FB Inputs 2179
39
3.235.2 F98A:F0 FB Inputs 2179
40
3.235.2 F98A:F1 FB Inputs 2179
41
3.235.2 F98A:F2 FB Inputs 2180
42
3.235.2 F98A:F3 FB Inputs 2180
43

3.235.2 F98A:F4 FB Inputs 2180
44
3.235.2 F98A:F5 FB Inputs 2181
45
3.235.2 F98A:F6 FB Inputs 2181
46
3.235.2 F98A:F7 FB Inputs 2181
47
3.235.2 F98A:F8 FB Inputs 2181
48
3.235.2 F98A:F9 FB Inputs 2182
49
3.235.2 F98A:FA FB Inputs 2182
50
3.235.2 F98A:FB FB Inputs 2182
51
3.235.2 F98A:FC FB Inputs 2183
52
3.235.2 F98A:FD FB Inputs 2183
53
3.235.2 F98A:FE FB Inputs 2183
54
3.235.2 F98A:FF FB Inputs 2183
55
3.236 F98C:x FB 1-255 Outputs 2185
3.236.1 F98C:01 FB Inputs 2185
3.236.2 F98C:02 FB Inputs 2185
3.236.3 F98C:03 FB Inputs 2185
3.236.4 F98C:04 FB Inputs 2186
3.236.5 F98C:05 FB Inputs 2186
3.236.6 F98C:06 FB Inputs 2186
3.236.7 F98C:07 FB Inputs 2187
3.236.8 F98C:08 FB Inputs 2187
3.236.9 F98C:09 FB Inputs 2187
3.236.1 F98C:0A FB Inputs 2187
0
3.236.1 F98C:0B FB Inputs 2188
1
3.236.1 F98C:0C FB Inputs 2188
2
3.236.1 F98C:0D FB Inputs 2188
3
3.236.1 F98C:0E FB Inputs 2189
4
3.236.1 F98C:0F FB Inputs 2189
5
3.236.1 F98C:10 FB Inputs 2189
6
3.236.1 F98C:11 FB Inputs 2189
7
3.236.1 F98C:12 FB Inputs 2190
8

3.236.1 F98C:13 FB Inputs 2190
9
3.236.2 F98C:14 FB Inputs 2190
0
3.236.2 F98C:15 FB Inputs 2191
1
3.236.2 F98C:16 FB Inputs 2191
2
3.236.2 F98C:17 FB Inputs 2191
3
3.236.2 F98C:18 FB Inputs 2191
4
3.236.2 F98C:19 FB Inputs 2192
5
3.236.2 F98C:1A FB Inputs 2192
6
3.236.2 F98C:1B FB Inputs 2192
7
3.236.2 F98C:1C FB Inputs 2193
8
3.236.2 F98C:1D FB Inputs 2193
9
3.236.3 F98C:1E FB Inputs 2193
0
3.236.3 F98C:1F FB Inputs 2193
1
3.236.3 F98C:20 FB Inputs 2194
2
3.236.3 F98C:21 FB Inputs 2194
3
3.236.3 F98C:22 FB Inputs 2194
4
3.236.3 F98C:23 FB Inputs 2195
5
3.236.3 F98C:24 FB Inputs 2195
6
3.236.3 F98C:25 FB Inputs 2195
7
3.236.3 F98C:26 FB Inputs 2195
8
3.236.3 F98C:27 FB Inputs 2196
9
3.236.4 F98C:28 FB Inputs 2196
0
3.236.4 F98C:29 FB Inputs 2196
1
3.236.4 F98C:2A FB Inputs 2197
2
3.236.4 F98C:2B FB Inputs 2197
3
3.236.4 F98C:2C FB Inputs 2197
4
3.236.4 F98C:2D FB Inputs 2197
5

3.236.4 F98C:2E FB Inputs 2198
6
3.236.4 F98C:2F FB Inputs 2198
7
3.236.4 F98C:30 FB Inputs 2198
8
3.236.4 F98C:31 FB Inputs 2199
9
3.236.5 F98C:32 FB Inputs 2199
0
3.236.5 F98C:33 FB Inputs 2199
1
3.236.5 F98C:34 FB Inputs 2199
2
3.236.5 F98C:35 FB Inputs 2200
3
3.236.5 F98C:36 FB Inputs 2200
4
3.236.5 F98C:37 FB Inputs 2200
5
3.236.5 F98C:38 FB Inputs 2201
6
3.236.5 F98C:39 FB Inputs 2201
7
3.236.5 F98C:3A FB Inputs 2201
8
3.236.5 F98C:3B FB Inputs 2201
9
3.236.6 F98C:3C FB Inputs 2202
0
3.236.6 F98C:3D FB Inputs 2202
1
3.236.6 F98C:3E FB Inputs 2202
2
3.236.6 F98C:3F FB Inputs 2203
3
3.236.6 F98C:40 FB Inputs 2203
4
3.236.6 F98C:41 FB Inputs 2203
5
3.236.6 F98C:42 FB Inputs 2203
6
3.236.6 F98C:43 FB Inputs 2204
7
3.236.6 F98C:44 FB Inputs 2204
8
3.236.6 F98C:45 FB Inputs 2204
9
3.236.7 F98C:46 FB Inputs 2205
0
3.236.7 F98C:47 FB Inputs 2205
1

3.236.7 F98C:48 FB Inputs 2205
2
3.236.7 F98C:49 FB Inputs 2205
3
3.236.7 F98C:4A FB Inputs 2206
4
3.236.7 F98C:4B FB Inputs 2206
5
3.236.7 F98C:4C FB Inputs 2206
6
3.236.7 F98C:4D FB Inputs 2207
7
3.236.7 F98C:4E FB Inputs 2207
8
3.236.7 F98C:4F FB Inputs 2207
9
3.236.8 F98C:50 FB Inputs 2207
0
3.236.8 F98C:51 FB Inputs 2208
1
3.236.8 F98C:52 FB Inputs 2208
2
3.236.8 F98C:53 FB Inputs 2208
3
3.236.8 F98C:54 FB Inputs 2209
4
3.236.8 F98C:55 FB Inputs 2209
5
3.236.8 F98C:56 FB Inputs 2209
6
3.236.8 F98C:57 FB Inputs 2209
7
3.236.8 F98C:58 FB Inputs 2210
8
3.236.8 F98C:59 FB Inputs 2210
9
3.236.9 F98C:5A FB Inputs 2210
0
3.236.9 F98C:5B FB Inputs 2211
1
3.236.9 F98C:5C FB Inputs 2211
2
3.236.9 F98C:5D FB Inputs 2211
3
3.236.9 F98C:5E FB Inputs 2211
4
3.236.9 F98C:5F FB Inputs 2212
5
3.236.9 F98C:60 FB Inputs 2212
6
3.236.9 F98C:61 FB Inputs 2212
7
3.236.9 F98C:62 FB Inputs 2213
8

3.236.9 F98C:63 FB Inputs 2213
9
3.236.1 F98C:64 FB Inputs 2213
00
3.236.1 F98C:65 FB Inputs 2213
01
3.236.1 F98C:66 FB Inputs 2214
02
3.236.1 F98C:67 FB Inputs 2214
03
3.236.1 F98C:68 FB Inputs 2214
04
3.236.1 F98C:69 FB Inputs 2215
05
3.236.1 F98C:6A FB Inputs 2215
06
3.236.1 F98C:6B FB Inputs 2215
07
3.236.1 F98C:6C FB Inputs 2215
08
3.236.1 F98C:6D FB Inputs 2216
09
3.236.1 F98C:6E FB Inputs 2216
10
3.236.1 F98C:6F FB Inputs 2216
11
3.236.1 F98C:70 FB Inputs 2217
12
3.236.1 F98C:71 FB Inputs 2217
13
3.236.1 F98C:72 FB Inputs 2217
14
3.236.1 F98C:73 FB Inputs 2217
15
3.236.1 F98C:74 FB Inputs 2218
16
3.236.1 F98C:75 FB Inputs 2218
17
3.236.1 F98C:76 FB Inputs 2218
18
3.236.1 F98C:77 FB Inputs 2219
19
3.236.1 F98C:78 FB Inputs 2219
20
3.236.1 F98C:79 FB Inputs 2219
21
3.236.1 F98C:7A FB Inputs 2219
22
3.236.1 F98C:7B FB Inputs 2220
23
3.236.1 F98C:7C FB Inputs 2220
24

3.236.1 F98C:7D FB Inputs 2220
25
3.236.1 F98C:7E FB Inputs 2221
26
3.236.1 F98C:7F FB Inputs 2221
27
3.236.1 F98C:80 FB Inputs 2221
28
3.236.1 F98C:81 FB Inputs 2221
29
3.236.1 F98C:82 FB Inputs 2222
30
3.236.1 F98C:83 FB Inputs 2222
31
3.236.1 F98C:84 FB Inputs 2222
32
3.236.1 F98C:85 FB Inputs 2223
33
3.236.1 F98C:86 FB Inputs 2223
34
3.236.1 F98C:87 FB Inputs 2223
35
3.236.1 F98C:88 FB Inputs 2223
36
3.236.1 F98C:89 FB Inputs 2224
37
3.236.1 F98C:8A FB Inputs 2224
38
3.236.1 F98C:8B FB Inputs 2224
39
3.236.1 F98C:8C FB Inputs 2225
40
3.236.1 F98C:8D FB Inputs 2225
41
3.236.1 F98C:8E FB Inputs 2225
42
3.236.1 F98C:8F FB Inputs 2225
43
3.236.1 F98C:90 FB Inputs 2226
44
3.236.1 F98C:91 FB Inputs 2226
45
3.236.1 F98C:92 FB Inputs 2226
46
3.236.1 F98C:93 FB Inputs 2227
47
3.236.1 F98C:94 FB Inputs 2227
48
3.236.1 F98C:95 FB Inputs 2227
49
3.236.1 F98C:96 FB Inputs 2227
50
3.236.1 F98C:97 FB Inputs 2228
51

3.236.1 F98C:98 FB Inputs 2228
52
3.236.1 F98C:99 FB Inputs 2228
53
3.236.1 F98C:9A FB Inputs 2229
54
3.236.1 F98C:9B FB Inputs 2229
55
3.236.1 F98C:9C FB Inputs 2229
56
3.236.1 F98C:9D FB Inputs 2229
57
3.236.1 F98C:9E FB Inputs 2230
58
3.236.1 F98C:9F FB Inputs 2230
59
3.236.1 F98C:A0 FB Inputs 2230
60
3.236.1 F98C:A1 FB Inputs 2231
61
3.236.1 F98C:A2 FB Inputs 2231
62
3.236.1 F98C:A3 FB Inputs 2231
63
3.236.1 F98C:A4 FB Inputs 2231
64
3.236.1 F98C:A5 FB Inputs 2232
65
3.236.1 F98C:A6 FB Inputs 2232
66
3.236.1 F98C:A7 FB Inputs 2232
67
3.236.1 F98C:A8 FB Inputs 2233
68
3.236.1 F98C:A9 FB Inputs 2233
69
3.236.1 F98C:AA FB Inputs 2233
70
3.236.1 F98C:AB FB Inputs 2233
71
3.236.1 F98C:AC FB Inputs 2234
72
3.236.1 F98C:AD FB Inputs 2234
73
3.236.1 F98C:AE FB Inputs 2234
74
3.236.1 F98C:AF FB Inputs 2235
75
3.236.1 F98C:B0 FB Inputs 2235
76
3.236.1 F98C:B1 FB Inputs 2235
77

3.236.1 F98C:B2 FB Inputs 2235
78
3.236.1 F98C:B3 FB Inputs 2236
79
3.236.1 F98C:B4 FB Inputs 2236
80
3.236.1 F98C:B5 FB Inputs 2236
81
3.236.1 F98C:B6 FB Inputs 2237
82
3.236.1 F98C:B7 FB Inputs 2237
83
3.236.1 F98C:B8 FB Inputs 2237
84
3.236.1 F98C:B9 FB Inputs 2237
85
3.236.1 F98C:BA FB Inputs 2238
86
3.236.1 F98C:BB FB Inputs 2238
87
3.236.1 F98C:BC FB Inputs 2238
88
3.236.1 F98C:BD FB Inputs 2239
89
3.236.1 F98C:BE FB Inputs 2239
90
3.236.1 F98C:BF FB Inputs 2239
91
3.236.1 F98C:C0 FB Inputs 2239
92
3.236.1 F98C:C1 FB Inputs 2240
93
3.236.1 F98C:C2 FB Inputs 2240
94
3.236.1 F98C:C3 FB Inputs 2240
95
3.236.1 F98C:C4 FB Inputs 2241
96
3.236.1 F98C:C5 FB Inputs 2241
97
3.236.1 F98C:C6 FB Inputs 2241
98
3.236.1 F98C:C7 FB Inputs 2241
99
3.236.2 F98C:C8 FB Inputs 2242
00
3.236.2 F98C:C9 FB Inputs 2242
01
3.236.2 F98C:CA FB Inputs 2242
02
3.236.2 F98C:CB FB Inputs 2243
03
3.236.2 F98C:CC FB Inputs 2243
04

3.236.2 F98C:CD FB Inputs 2243
05
3.236.2 F98C:CE FB Inputs 2243
06
3.236.2 F98C:CF FB Inputs 2244
07
3.236.2 F98C:D0 FB Inputs 2244
08
3.236.2 F98C:D1 FB Inputs 2244
09
3.236.2 F98C:D2 FB Inputs 2245
10
3.236.2 F98C:D3 FB Inputs 2245
11
3.236.2 F98C:D4 FB Inputs 2245
12
3.236.2 F98C:D5 FB Inputs 2245
13
3.236.2 F98C:D6 FB Inputs 2246
14
3.236.2 F98C:D7 FB Inputs 2246
15
3.236.2 F98C:D8 FB Inputs 2246
16
3.236.2 F98C:D9 FB Inputs 2247
17
3.236.2 F98C:DA FB Inputs 2247
18
3.236.2 F98C:DB FB Inputs 2247
19
3.236.2 F98C:DC FB Inputs 2247
20
3.236.2 F98C:DD FB Inputs 2248
21
3.236.2 F98C:DE FB Inputs 2248
22
3.236.2 F98C:DF FB Inputs 2248
23
3.236.2 F98C:E0 FB Inputs 2249
24
3.236.2 F98C:E1 FB Inputs 2249
25
3.236.2 F98C:E2 FB Inputs 2249
26
3.236.2 F98C:E3 FB Inputs 2249
27
3.236.2 F98C:E4 FB Inputs 2250
28
3.236.2 F98C:E5 FB Inputs 2250
29
3.236.2 F98C:E6 FB Inputs 2250
30

3.236.2 F98C:E7 FB Inputs 2251
3.236.2 F98C:E8 FB Inputs 2251
3.236.2 F98C:E9 FB Inputs 2251
3.236.2 F98C:EA FB Inputs 2251
3.236.2 F98C:EB FB Inputs 2252
3.236.2 F98C:EC FB Inputs 2252
3.236.2 F98C:ED FB Inputs 2252
3.236.2 F98C:EE FB Inputs 2253
3.236.2 F98C:EF FB Inputs 2253
3.236.2 F98C:F0 FB Inputs 2253
3.236.2 F98C:F1 FB Inputs 2253
3.236.2 F98C:F2 FB Inputs 2254
3.236.2 F98C:F3 FB Inputs 2254
3.236.2 F98C:F4 FB Inputs 2254
3.236.2 F98C:F5 FB Inputs 2255
3.236.2 F98C:F6 FB Inputs 2255
3.236.2 F98C:F7 FB Inputs 2255
3.236.2 F98C:F8 FB Inputs 2255
3.236.2 F98C:F9 FB Inputs 2256
3.236.2 F98C:FA FB Inputs 2256
3.236.2 F98C:FB FB Inputs 2256
3.236.2 F98C:FC FB Inputs 2257
3.236.2 F98C:FD FB Inputs 2257
3.236.2 F98C:FE FB Inputs 2257
3.236.2 F98C:FF FB Inputs 2257
3.237 F98D:x FB 256-510 Outputs 2259
3.237.1 F98D:01 FB Inputs 2259
3.237.2 F98D:02 FB Inputs 2259

3.237.3 F98D:03 FB Inputs 2259
3.237.4 F98D:04 FB Inputs 2260
3.237.5 F98D:05 FB Inputs 2260
3.237.6 F98D:06 FB Inputs 2260
3.237.7 F98D:07 FB Inputs 2261
3.237.8 F98D:08 FB Inputs 2261
3.237.9 F98D:09 FB Inputs 2261
3.237.10 F98D:0A FB Inputs 2261
3.237.11 F98D:0B FB Inputs 2262
3.237.12 F98D:0C FB Inputs 2262
3.237.13 F98D:0D FB Inputs 2262
3.237.14 F98D:0E FB Inputs 2263
3.237.15 F98D:0F FB Inputs 2263
3.237.16 F98D:10 FB Inputs 2263
3.237.17 F98D:11 FB Inputs 2263
3.237.18 F98D:12 FB Inputs 2264
3.237.19 F98D:13 FB Inputs 2264
3.237.20 F98D:14 FB Inputs 2264
3.237.21 F98D:15 FB Inputs 2265
3.237.22 F98D:16 FB Inputs 2265
3.237.23 F98D:17 FB Inputs 2265
3.237.24 F98D:18 FB Inputs 2265
3.237.25 F98D:19 FB Inputs 2266
3.237.26 F98D:1A FB Inputs 2266
3.237.27 F98D:1B FB Inputs 2266
3.237.28 F98D:1C FB Inputs 2267
3.237.29 F98D:1D FB Inputs 2267
3.237.30 F98D:1E FB Inputs 2267
3.237.31 F98D:1F FB Inputs 2267

3.237.3 F98D:20 FB Inputs 2268
2
3.237.3 F98D:21 FB Inputs 2268
3
3.237.3 F98D:22 FB Inputs 2268
4
3.237.3 F98D:23 FB Inputs 2269
5
3.237.3 F98D:24 FB Inputs 2269
6
3.237.3 F98D:25 FB Inputs 2269
7
3.237.3 F98D:26 FB Inputs 2269
8
3.237.3 F98D:27 FB Inputs 2270
9
3.237.4 F98D:28 FB Inputs 2270
0
3.237.4 F98D:29 FB Inputs 2270
1
3.237.4 F98D:2A FB Inputs 2271
2
3.237.4 F98D:2B FB Inputs 2271
3
3.237.4 F98D:2C FB Inputs 2271
4
3.237.4 F98D:2D FB Inputs 2271
5
3.237.4 F98D:2E FB Inputs 2272
6
3.237.4 F98D:2F FB Inputs 2272
7
3.237.4 F98D:30 FB Inputs 2272
8
3.237.4 F98D:31 FB Inputs 2273
9
3.237.5 F98D:32 FB Inputs 2273
0
3.237.5 F98D:33 FB Inputs 2273
1
3.237.5 F98D:34 FB Inputs 2273
2
3.237.5 F98D:35 FB Inputs 2274
3
3.237.5 F98D:36 FB Inputs 2274
4
3.237.5 F98D:37 FB Inputs 2274
5
3.237.5 F98D:38 FB Inputs 2275
6
3.237.5 F98D:39 FB Inputs 2275
7
3.237.5 F98D:3A FB Inputs 2275
8

3.237.5 F98D:3B FB Inputs 22759
3.237.6 F98D:3C FB Inputs 22760
3.237.6 F98D:3D FB Inputs 22761
3.237.6 F98D:3E FB Inputs 22762
3.237.6 F98D:3F FB Inputs 22773
3.237.6 F98D:40 FB Inputs 22774
3.237.6 F98D:41 FB Inputs 22775
3.237.6 F98D:42 FB Inputs 22776
3.237.6 F98D:43 FB Inputs 22787
3.237.6 F98D:44 FB Inputs 22788
3.237.6 F98D:45 FB Inputs 22789
3.237.7 F98D:46 FB Inputs 22790
3.237.7 F98D:47 FB Inputs 22791
3.237.7 F98D:48 FB Inputs 22792
3.237.7 F98D:49 FB Inputs 22793
3.237.7 F98D:4A FB Inputs 22804
3.237.7 F98D:4B FB Inputs 22805
3.237.7 F98D:4C FB Inputs 22806
3.237.7 F98D:4D FB Inputs 22817
3.237.7 F98D:4E FB Inputs 22818
3.237.7 F98D:4F FB Inputs 22819
3.237.8 F98D:50 FB Inputs 22810
3.237.8 F98D:51 FB Inputs 22821
3.237.8 F98D:52 FB Inputs 22822
3.237.8 F98D:53 FB Inputs 22823
3.237.8 F98D:54 FB Inputs 22834

3.237.8 F98D:55 FB Inputs 2283
5
3.237.8 F98D:56 FB Inputs 2283
6
3.237.8 F98D:57 FB Inputs 2283
7
3.237.8 F98D:58 FB Inputs 2284
8
3.237.8 F98D:59 FB Inputs 2284
9
3.237.9 F98D:5A FB Inputs 2284
0
3.237.9 F98D:5B FB Inputs 2285
1
3.237.9 F98D:5C FB Inputs 2285
2
3.237.9 F98D:5D FB Inputs 2285
3
3.237.9 F98D:5E FB Inputs 2285
4
3.237.9 F98D:5F FB Inputs 2286
5
3.237.9 F98D:60 FB Inputs 2286
6
3.237.9 F98D:61 FB Inputs 2286
7
3.237.9 F98D:62 FB Inputs 2287
8
3.237.9 F98D:63 FB Inputs 2287
9
3.237.1 F98D:64 FB Inputs 2287
00
3.237.1 F98D:65 FB Inputs 2287
01
3.237.1 F98D:66 FB Inputs 2288
02
3.237.1 F98D:67 FB Inputs 2288
03
3.237.1 F98D:68 FB Inputs 2288
04
3.237.1 F98D:69 FB Inputs 2289
05
3.237.1 F98D:6A FB Inputs 2289
06
3.237.1 F98D:6B FB Inputs 2289
07
3.237.1 F98D:6C FB Inputs 2289
08
3.237.1 F98D:6D FB Inputs 2290
09
3.237.1 F98D:6E FB Inputs 2290
10
3.237.1 F98D:6F FB Inputs 2290
11

3.237.1 F98D:70 FB Inputs 2291
12
3.237.1 F98D:71 FB Inputs 2291
13
3.237.1 F98D:72 FB Inputs 2291
14
3.237.1 F98D:73 FB Inputs 2291
15
3.237.1 F98D:74 FB Inputs 2292
16
3.237.1 F98D:75 FB Inputs 2292
17
3.237.1 F98D:76 FB Inputs 2292
18
3.237.1 F98D:77 FB Inputs 2293
19
3.237.1 F98D:78 FB Inputs 2293
20
3.237.1 F98D:79 FB Inputs 2293
21
3.237.1 F98D:7A FB Inputs 2293
22
3.237.1 F98D:7B FB Inputs 2294
23
3.237.1 F98D:7C FB Inputs 2294
24
3.237.1 F98D:7D FB Inputs 2294
25
3.237.1 F98D:7E FB Inputs 2295
26
3.237.1 F98D:7F FB Inputs 2295
27
3.237.1 F98D:80 FB Inputs 2295
28
3.237.1 F98D:81 FB Inputs 2295
29
3.237.1 F98D:82 FB Inputs 2296
30
3.237.1 F98D:83 FB Inputs 2296
31
3.237.1 F98D:84 FB Inputs 2296
32
3.237.1 F98D:85 FB Inputs 2297
33
3.237.1 F98D:86 FB Inputs 2297
34
3.237.1 F98D:87 FB Inputs 2297
35
3.237.1 F98D:88 FB Inputs 2297
36
3.237.1 F98D:89 FB Inputs 2298
37

3.237.1 F98D:8A FB Inputs 2298
38
3.237.1 F98D:8B FB Inputs 2298
39
3.237.1 F98D:8C FB Inputs 2299
40
3.237.1 F98D:8D FB Inputs 2299
41
3.237.1 F98D:8E FB Inputs 2299
42
3.237.1 F98D:8F FB Inputs 2299
43
3.237.1 F98D:90 FB Inputs 2300
44
3.237.1 F98D:91 FB Inputs 2300
45
3.237.1 F98D:92 FB Inputs 2300
46
3.237.1 F98D:93 FB Inputs 2301
47
3.237.1 F98D:94 FB Inputs 2301
48
3.237.1 F98D:95 FB Inputs 2301
49
3.237.1 F98D:96 FB Inputs 2301
50
3.237.1 F98D:97 FB Inputs 2302
51
3.237.1 F98D:98 FB Inputs 2302
52
3.237.1 F98D:99 FB Inputs 2302
53
3.237.1 F98D:9A FB Inputs 2303
54
3.237.1 F98D:9B FB Inputs 2303
55
3.237.1 F98D:9C FB Inputs 2303
56
3.237.1 F98D:9D FB Inputs 2303
57
3.237.1 F98D:9E FB Inputs 2304
58
3.237.1 F98D:9F FB Inputs 2304
59
3.237.1 F98D:A0 FB Inputs 2304
60
3.237.1 F98D:A1 FB Inputs 2305
61
3.237.1 F98D:A2 FB Inputs 2305
62
3.237.1 F98D:A3 FB Inputs 2305
63
3.237.1 F98D:A4 FB Inputs 2305
64

3.237.1 F98D:A5 FB Inputs 2306
65
3.237.1 F98D:A6 FB Inputs 2306
66
3.237.1 F98D:A7 FB Inputs 2306
67
3.237.1 F98D:A8 FB Inputs 2307
68
3.237.1 F98D:A9 FB Inputs 2307
69
3.237.1 F98D:AA FB Inputs 2307
70
3.237.1 F98D:AB FB Inputs 2307
71
3.237.1 F98D:AC FB Inputs 2308
72
3.237.1 F98D:AD FB Inputs 2308
73
3.237.1 F98D:AE FB Inputs 2308
74
3.237.1 F98D:AF FB Inputs 2309
75
3.237.1 F98D:B0 FB Inputs 2309
76
3.237.1 F98D:B1 FB Inputs 2309
77
3.237.1 F98D:B2 FB Inputs 2309
78
3.237.1 F98D:B3 FB Inputs 2310
79
3.237.1 F98D:B4 FB Inputs 2310
80
3.237.1 F98D:B5 FB Inputs 2310
81
3.237.1 F98D:B6 FB Inputs 2311
82
3.237.1 F98D:B7 FB Inputs 2311
83
3.237.1 F98D:B8 FB Inputs 2311
84
3.237.1 F98D:B9 FB Inputs 2311
85
3.237.1 F98D:BA FB Inputs 2312
86
3.237.1 F98D:BB FB Inputs 2312
87
3.237.1 F98D:BC FB Inputs 2312
88
3.237.1 F98D:BD FB Inputs 2313
89
3.237.1 F98D:BE FB Inputs 2313
90

3.237.1 F98D:BF FB Inputs 2313
91
3.237.1 F98D:C0 FB Inputs 2313
92
3.237.1 F98D:C1 FB Inputs 2314
93
3.237.1 F98D:C2 FB Inputs 2314
94
3.237.1 F98D:C3 FB Inputs 2314
95
3.237.1 F98D:C4 FB Inputs 2315
96
3.237.1 F98D:C5 FB Inputs 2315
97
3.237.1 F98D:C6 FB Inputs 2315
98
3.237.1 F98D:C7 FB Inputs 2315
99
3.237.2 F98D:C8 FB Inputs 2316
00
3.237.2 F98D:C9 FB Inputs 2316
01
3.237.2 F98D:CA FB Inputs 2316
02
3.237.2 F98D:CB FB Inputs 2317
03
3.237.2 F98D:CC FB Inputs 2317
04
3.237.2 F98D:CD FB Inputs 2317
05
3.237.2 F98D:CE FB Inputs 2317
06
3.237.2 F98D:CF FB Inputs 2318
07
3.237.2 F98D:D0 FB Inputs 2318
08
3.237.2 F98D:D1 FB Inputs 2318
09
3.237.2 F98D:D2 FB Inputs 2319
10
3.237.2 F98D:D3 FB Inputs 2319
11
3.237.2 F98D:D4 FB Inputs 2319
12
3.237.2 F98D:D5 FB Inputs 2319
13
3.237.2 F98D:D6 FB Inputs 2320
14
3.237.2 F98D:D7 FB Inputs 2320
15
3.237.2 F98D:D8 FB Inputs 2320
16
3.237.2 F98D:D9 FB Inputs 2321
17

3.237.2 F98D:DA FB Inputs 2321
18
3.237.2 F98D:DB FB Inputs 2321
19
3.237.2 F98D:DC FB Inputs 2321
20
3.237.2 F98D:DD FB Inputs 2322
21
3.237.2 F98D:DE FB Inputs 2322
22
3.237.2 F98D:DF FB Inputs 2322
23
3.237.2 F98D:E0 FB Inputs 2323
24
3.237.2 F98D:E1 FB Inputs 2323
25
3.237.2 F98D:E2 FB Inputs 2323
26
3.237.2 F98D:E3 FB Inputs 2323
27
3.237.2 F98D:E4 FB Inputs 2324
28
3.237.2 F98D:E5 FB Inputs 2324
29
3.237.2 F98D:E6 FB Inputs 2324
30
3.237.2 F98D:E7 FB Inputs 2325
31
3.237.2 F98D:E8 FB Inputs 2325
32
3.237.2 F98D:E9 FB Inputs 2325
33
3.237.2 F98D:EA FB Inputs 2325
34
3.237.2 F98D:EB FB Inputs 2326
35
3.237.2 F98D:EC FB Inputs 2326
36
3.237.2 F98D:ED FB Inputs 2326
37
3.237.2 F98D:EE FB Inputs 2327
38
3.237.2 F98D:EF FB Inputs 2327
39
3.237.2 F98D:F0 FB Inputs 2327
40
3.237.2 F98D:F1 FB Inputs 2327
41
3.237.2 F98D:F2 FB Inputs 2328
42
3.237.2 F98D:F3 FB Inputs 2328
43

3.237.2 F98D:F4 FB Inputs 2328
44
3.237.2 F98D:F5 FB Inputs 2329
45
3.237.2 F98D:F6 FB Inputs 2329
46
3.237.2 F98D:F7 FB Inputs 2329
47
3.237.2 F98D:F8 FB Inputs 2329
48
3.237.2 F98D:F9 FB Inputs 2330
49
3.237.2 F98D:FA FB Inputs 2330
50
3.237.2 F98D:FB FB Inputs 2330
51
3.237.2 F98D:FC FB Inputs 2331
52
3.237.2 F98D:FD FB Inputs 2331
53
3.237.2 F98D:FE FB Inputs 2331
54
3.237.2 F98D:FF FB Inputs 2331
55
3.238 F98E:x FB 511-512 Outputs 2333
3.238.1 F98E:01 FB Inputs 2333
3.238.2 F98E:02 FB Inputs 2333
3.238.3 F98E:03 FB Inputs 2333
3.238.4 F98E:04 FB Inputs 2334
3.238.5 F98E:05 FB Inputs 2334
3.238.6 F98E:06 FB Inputs 2334
3.238.7 F98E:07 FB Inputs 2335
3.238.8 F98E:08 FB Inputs 2335
3.238.9 F98E:09 FB Inputs 2335
3.238.1 F98E:0A FB Inputs 2335
0
3.238.1 F98E:0B FB Inputs 2336
1
3.238.1 F98E:0C FB Inputs 2336
2
3.238.1 F98E:0D FB Inputs 2336
3
3.238.1 F98E:0E FB Inputs 2337
4
3.238.1 F98E:0F FB Inputs 2337
5
3.238.1 F98E:10 FB Inputs 2337
6
3.238.1 F98E:11 FB Inputs 2337
7
3.238.1 F98E:12 FB Inputs 2338
8

3.238.1 F98E:13 FB Inputs 23389
3.238.2 F98E:14 FB Inputs 23390
3.238.2 F98E:15 FB Inputs 23391
3.238.2 F98E:16 FB Inputs 23392
3.238.2 F98E:17 FB Inputs 23393
3.238.2 F98E:18 FB Inputs 23394
3.238.2 F98E:19 FB Inputs 23405
3.238.2 F98E:1A FB Inputs 23406
3.238.2 F98E:1B FB Inputs 23407
3.238.2 F98E:1C FB Inputs 23418
3.238.2 F98E:1D FB Inputs 23419
3.238.3 F98E:1E FB Inputs 23410
3.238.3 F98E:1F FB Inputs 23411
3.238.3 F98E:20 FB Inputs 23422
3.238.3 F98E:21 FB Inputs 23423
3.238.3 F98E:22 FB Inputs 23424
3.238.3 F98E:23 FB Inputs 23435
3.238.3 F98E:24 FB Inputs 23436
3.238.3 F98E:25 FB Inputs 23437
3.238.3 F98E:26 FB Inputs 23438
3.238.3 F98E:27 FB Inputs 23449
3.238.4 F98E:28 FB Inputs 23440
3.238.4 F98E:29 FB Inputs 23441
3.238.4 F98E:2A FB Inputs 23452
3.238.4 F98E:2B FB Inputs 23453
3.238.4 F98E:2C FB Inputs 23454

3.238.4 F98E:2D FB Inputs 2345
3.238.4 F98E:2E FB Inputs 2346
3.238.4 F98E:2F FB Inputs 2346
3.238.4 F98E:30 FB Inputs 2346
3.238.4 F98E:31 FB Inputs 2347
3.238.5 F98E:32 FB Inputs 2347
3.238.5 F98E:33 FB Inputs 2347
3.238.5 F98E:34 FB Inputs 2347
3.238.5 F98E:35 FB Inputs 2348
3.238.5 F98E:36 FB Inputs 2348
3.238.5 F98E:37 FB Inputs 2348
3.238.5 F98E:38 FB Inputs 2349
3.238.5 F98E:39 FB Inputs 2349
3.238.5 F98E:3A FB Inputs 2349
3.238.5 F98E:3B FB Inputs 2349
3.238.6 F98E:3C FB Inputs 2350
3.238.6 F98E:3D FB Inputs 2350
3.238.6 F98E:3E FB Inputs 2350
3.238.6 F98E:3F FB Inputs 2351
3.238.6 F98E:40 FB Inputs 2351
3.238.6 F98E:41 FB Inputs 2351
3.238.6 F98E:42 FB Inputs 2351
3.238.6 F98E:43 FB Inputs 2352
3.238.6 F98E:44 FB Inputs 2352
3.238.6 F98E:45 FB Inputs 2352
3.238.7 F98E:46 FB Inputs 2353
3.238.7 F98E:47 FB Inputs 2353

3.238.7 F98E:48 FB Inputs 2353
2
3.238.7 F98E:49 FB Inputs 2353
3
3.238.7 F98E:4A FB Inputs 2354
4
3.238.7 F98E:4B FB Inputs 2354
5
3.238.7 F98E:4C FB Inputs 2354
6
3.238.7 F98E:4D FB Inputs 2355
7
3.238.7 F98E:4E FB Inputs 2355
8
3.238.7 F98E:4F FB Inputs 2355
9
3.238.8 F98E:50 FB Inputs 2355
0
3.238.8 F98E:51 FB Inputs 2356
1
3.238.8 F98E:52 FB Inputs 2356
2
3.238.8 F98E:53 FB Inputs 2356
3
3.238.8 F98E:54 FB Inputs 2357
4
3.238.8 F98E:55 FB Inputs 2357
5
3.238.8 F98E:56 FB Inputs 2357
6
3.238.8 F98E:57 FB Inputs 2357
7
3.238.8 F98E:58 FB Inputs 2358
8
3.238.8 F98E:59 FB Inputs 2358
9
3.238.9 F98E:5A FB Inputs 2358
0
3.238.9 F98E:5B FB Inputs 2359
1
3.238.9 F98E:5C FB Inputs 2359
2
3.238.9 F98E:5D FB Inputs 2359
3
3.238.9 F98E:5E FB Inputs 2359
4
3.238.9 F98E:5F FB Inputs 2360
5
3.238.9 F98E:60 FB Inputs 2360
6
3.238.9 F98E:61 FB Inputs 2360
7

3.238.9 F98E:62 FB Inputs 2361
8
3.238.9 F98E:63 FB Inputs 2361
9
3.238.1 F98E:64 FB Inputs 2361
00
3.238.1 F98E:65 FB Inputs 2361
01
3.238.1 F98E:66 FB Inputs 2362
02
3.238.1 F98E:67 FB Inputs 2362
03
3.238.1 F98E:68 FB Inputs 2362
04
3.238.1 F98E:69 FB Inputs 2363
05
3.238.1 F98E:6A FB Inputs 2363
06
3.238.1 F98E:6B FB Inputs 2363
07
3.238.1 F98E:6C FB Inputs 2363
08
3.238.1 F98E:6D FB Inputs 2364
09
3.238.1 F98E:6E FB Inputs 2364
10
3.238.1 F98E:6F FB Inputs 2364
11
3.238.1 F98E:70 FB Inputs 2365
12
3.238.1 F98E:71 FB Inputs 2365
13
3.238.1 F98E:72 FB Inputs 2365
14
3.238.1 F98E:73 FB Inputs 2365
15
3.238.1 F98E:74 FB Inputs 2366
16
3.238.1 F98E:75 FB Inputs 2366
17
3.238.1 F98E:76 FB Inputs 2366
18
3.238.1 F98E:77 FB Inputs 2367
19
3.238.1 F98E:78 FB Inputs 2367
20
3.238.1 F98E:79 FB Inputs 2367
21
3.238.1 F98E:7A FB Inputs 2367
22
3.238.1 F98E:7B FB Inputs 2368
23
3.238.1 F98E:7C FB Inputs 2368
24

3.238.1 F98E:7D FB Inputs 2368
25
3.238.1 F98E:7E FB Inputs 2369
26
3.238.1 F98E:7F FB Inputs 2369
27
3.238.1 F98E:80 FB Inputs 2369
28
3.238.1 F98E:81 FB Inputs 2369
29
3.238.1 F98E:82 FB Inputs 2370
30
3.238.1 F98E:83 FB Inputs 2370
31
3.238.1 F98E:84 FB Inputs 2370
32
3.238.1 F98E:85 FB Inputs 2371
33
3.238.1 F98E:86 FB Inputs 2371
34
3.238.1 F98E:87 FB Inputs 2371
35
3.238.1 F98E:88 FB Inputs 2371
36
3.238.1 F98E:89 FB Inputs 2372
37
3.238.1 F98E:8A FB Inputs 2372
38
3.238.1 F98E:8B FB Inputs 2372
39
3.238.1 F98E:8C FB Inputs 2373
40
3.238.1 F98E:8D FB Inputs 2373
41
3.238.1 F98E:8E FB Inputs 2373
42
3.238.1 F98E:8F FB Inputs 2373
43
3.238.1 F98E:90 FB Inputs 2374
44
3.238.1 F98E:91 FB Inputs 2374
45
3.238.1 F98E:92 FB Inputs 2374
46
3.238.1 F98E:93 FB Inputs 2375
47
3.238.1 F98E:94 FB Inputs 2375
48
3.238.1 F98E:95 FB Inputs 2375
49
3.238.1 F98E:96 FB Inputs 2375
50

3.238.1 F98E:97 FB Inputs 2376
51
3.238.1 F98E:98 FB Inputs 2376
52
3.238.1 F98E:99 FB Inputs 2376
53
3.238.1 F98E:9A FB Inputs 2377
54
3.238.1 F98E:9B FB Inputs 2377
55
3.238.1 F98E:9C FB Inputs 2377
56
3.238.1 F98E:9D FB Inputs 2377
57
3.238.1 F98E:9E FB Inputs 2378
58
3.238.1 F98E:9F FB Inputs 2378
59
3.238.1 F98E:A0 FB Inputs 2378
60
3.238.1 F98E:A1 FB Inputs 2379
61
3.238.1 F98E:A2 FB Inputs 2379
62
3.238.1 F98E:A3 FB Inputs 2379
63
3.238.1 F98E:A4 FB Inputs 2379
64
3.238.1 F98E:A5 FB Inputs 2380
65
3.238.1 F98E:A6 FB Inputs 2380
66
3.238.1 F98E:A7 FB Inputs 2380
67
3.238.1 F98E:A8 FB Inputs 2381
68
3.238.1 F98E:A9 FB Inputs 2381
69
3.238.1 F98E:AA FB Inputs 2381
70
3.238.1 F98E:AB FB Inputs 2381
71
3.238.1 F98E:AC FB Inputs 2382
72
3.238.1 F98E:AD FB Inputs 2382
73
3.238.1 F98E:AE FB Inputs 2382
74
3.238.1 F98E:AF FB Inputs 2383
75
3.238.1 F98E:B0 FB Inputs 2383
76
3.238.1 F98E:B1 FB Inputs 2383
77

3.238.1 F98E:B2 FB Inputs 2383
78
3.238.1 F98E:B3 FB Inputs 2384
79
3.238.1 F98E:B4 FB Inputs 2384
80
3.238.1 F98E:B5 FB Inputs 2384
81
3.238.1 F98E:B6 FB Inputs 2385
82
3.238.1 F98E:B7 FB Inputs 2385
83
3.238.1 F98E:B8 FB Inputs 2385
84
3.238.1 F98E:B9 FB Inputs 2385
85
3.238.1 F98E:BA FB Inputs 2386
86
3.238.1 F98E:BB FB Inputs 2386
87
3.238.1 F98E:BC FB Inputs 2386
88
3.238.1 F98E:BD FB Inputs 2387
89
3.238.1 F98E:BE FB Inputs 2387
90
3.238.1 F98E:BF FB Inputs 2387
91
3.238.1 F98E:C0 FB Inputs 2387
92
3.238.1 F98E:C1 FB Inputs 2388
93
3.238.1 F98E:C2 FB Inputs 2388
94
3.238.1 F98E:C3 FB Inputs 2388
95
3.238.1 F98E:C4 FB Inputs 2389
96
3.238.1 F98E:C5 FB Inputs 2389
97
3.238.1 F98E:C6 FB Inputs 2389
98
3.238.1 F98E:C7 FB Inputs 2389
99
3.238.2 F98E:C8 FB Inputs 2390
00
3.238.2 F98E:C9 FB Inputs 2390
01
3.238.2 F98E:CA FB Inputs 2390
02
3.238.2 F98E:CB FB Inputs 2391
03

3.238.2 F98E:CC FB Inputs 2391
04
3.238.2 F98E:CD FB Inputs 2391
05
3.238.2 F98E:CE FB Inputs 2391
06
3.238.2 F98E:CF FB Inputs 2392
07
3.238.2 F98E:D0 FB Inputs 2392
08
3.238.2 F98E:D1 FB Inputs 2392
09
3.238.2 F98E:D2 FB Inputs 2393
10
3.238.2 F98E:D3 FB Inputs 2393
11
3.238.2 F98E:D4 FB Inputs 2393
12
3.238.2 F98E:D5 FB Inputs 2393
13
3.238.2 F98E:D6 FB Inputs 2394
14
3.238.2 F98E:D7 FB Inputs 2394
15
3.238.2 F98E:D8 FB Inputs 2394
16
3.238.2 F98E:D9 FB Inputs 2395
17
3.238.2 F98E:DA FB Inputs 2395
18
3.238.2 F98E:DB FB Inputs 2395
19
3.238.2 F98E:DC FB Inputs 2395
20
3.238.2 F98E:DD FB Inputs 2396
21
3.238.2 F98E:DE FB Inputs 2396
22
3.238.2 F98E:DF FB Inputs 2396
23
3.238.2 F98E:E0 FB Inputs 2397
24
3.238.2 F98E:E1 FB Inputs 2397
25
3.238.2 F98E:E2 FB Inputs 2397
26
3.238.2 F98E:E3 FB Inputs 2397
27
3.238.2 F98E:E4 FB Inputs 2398
28
3.238.2 F98E:E5 FB Inputs 2398
29
3.238.2 F98E:E6 FB Inputs 2398
30

3.238.2 F98E:E7 FB Inputs 2399
31
3.238.2 F98E:E8 FB Inputs 2399
32
3.238.2 F98E:E9 FB Inputs 2399
33
3.238.2 F98E:EA FB Inputs 2399
34
3.238.2 F98E:EB FB Inputs 2400
35
3.238.2 F98E:EC FB Inputs 2400
36
3.238.2 F98E:ED FB Inputs 2400
37
3.238.2 F98E:EE FB Inputs 2401
38
3.238.2 F98E:EF FB Inputs 2401
39
3.238.2 F98E:F0 FB Inputs 2401
40
3.238.2 F98E:F1 FB Inputs 2401
41
3.238.2 F98E:F2 FB Inputs 2402
42
3.238.2 F98E:F3 FB Inputs 2402
43
3.238.2 F98E:F4 FB Inputs 2402
44
3.238.2 F98E:F5 FB Inputs 2403
45
3.238.2 F98E:F6 FB Inputs 2403
46
3.238.2 F98E:F7 FB Inputs 2403
47
3.238.2 F98E:F8 FB Inputs 2403
48
3.238.2 F98E:F9 FB Inputs 2404
49
3.238.2 F98E:FA FB Inputs 2404
50
3.238.2 F98E:FB FB Inputs 2404
51
3.238.2 F98E:FC FB Inputs 2405
52
3.238.2 F98E:FD FB Inputs 2405
53
3.238.2 F98E:FE FB Inputs 2405
54
3.238.2 F98E:FF FB Inputs 2405
55
3.239 F990 FB Analog Inputs 2407
3.240 F991 FB Analog Outputs 2408
3.241 F9A8:x Local Process Image Area Sizes 2409

3.241.1 F9A8:01 Area 2409
3.241.2 F9A8:02 Area 2409
3.241.3 F9A8:03 Area 2409
3.241.4 F9A8:04 Area 2410
3.241.5 F9A8:05 Area 2410
3.241.6 F9A8:06 Area 2410
3.241.7 F9A8:07 Area 2411
3.241.8 F9A8:08 Area 2411
3.241.9 F9A8:09 Area 2411
3.241.10 F9A8:0A Area 2411
3.241.11 F9A8:0B Area 2412
3.241.12 F9A8:0C Area 2412
3.241.13 F9A8:0D Area 2412
3.241.14 F9A8:0E Area 2413
3.241.15 F9A8:0F Area 2413
3.241.16 F9A8:10 Area 2413
3.241.17 F9A8:11 Area 2413
3.241.18 F9A8:12 Area 2414
3.241.19 F9A8:13 Area 2414
3.241.20 F9A8:14 Area 2414
3.241.21 F9A8:15 Area 2415
3.241.22 F9A8:16 Area 2415
3.241.23 F9A8:17 Area 2415
3.241.24 F9A8:18 Area 2415
3.241.25 F9A8:19 Area 2416
3.241.26 F9A8:1A Area 2416
3.241.27 F9A8:1B Area 2416
3.241.28 F9A8:1C Area 2417
3.241.29 F9A8:1D Area 2417
3.241.30 F9A8:1E Area 2417
3.241.31 F9A8:1F Area 2417

3.241.3 F9A8:20 Area 2418
2
3.242 F9A9:x Local Process Image Area Addresses 2419
3.242.1 F9A9:01 Area 2419
3.242.2 F9A9:02 Area 2419
3.242.3 F9A9:03 Area 2419
3.242.4 F9A9:04 Area 2420
3.242.5 F9A9:05 Area 2420
3.242.6 F9A9:06 Area 2420
3.242.7 F9A9:07 Area 2421
3.242.8 F9A9:08 Area 2421
3.242.9 F9A9:09 Area 2421
3.242.1 F9A9:0A Area 2421
0
3.242.1 F9A9:0B Area 2422
1
3.242.1 F9A9:0C Area 2422
2
3.242.1 F9A9:0D Area 2422
3
3.242.1 F9A9:0E Area 2423
4
3.242.1 F9A9:0F Area 2423
5
3.242.1 F9A9:10 Area 2423
6
3.242.1 F9A9:11 Area 2423
7
3.242.1 F9A9:12 Area 2424
8
3.242.1 F9A9:13 Area 2424
9
3.242.2 F9A9:14 Area 2424
0
3.242.2 F9A9:15 Area 2425
1
3.242.2 F9A9:16 Area 2425
2
3.242.2 F9A9:17 Area 2425
3
3.242.2 F9A9:18 Area 2425
4
3.242.2 F9A9:19 Area 2426
5
3.242.2 F9A9:1A Area 2426
6
3.242.2 F9A9:1B Area 2426
7
3.242.2 F9A9:1C Area 2427
8
3.242.2 F9A9:1D Area 2427
9

3.242.3 F9A9:1E Area 2427
0
3.242.3 F9A9:1F Area 2427
1
3.242.3 F9A9:20 Area 2428
2
3.243 F9C0:x Safety Device Info 2429
3.243.1 F9C0:01 Device name 2429
3.243.2 F9C0:02 Software version 2429
3.243.3 F9C0:03 Bootloader version 2429
3.243.4 F9C0:04 Software checksum 2430
3.243.5 F9C0:05 Bootmanager checksum 2430
3.243.6 F9C0:06 Bootloader checksum 2430
3.243.7 F9C0:07 TwinSAFE Logic Version 2431
3.244 F9FF:x Local Safe User Parameter 2432
3.244.1 F9FF:01 LengthOfAppParameter 2432
3.244.2 F9FF:02 SafetyIdent 2432
3.244.3 F9FF:03 SafetyVersion 2432
3.245 FE30:x FS Restore Mode 2434
3.245.1 FE30:01 Store Code 2434
3.245.2 FE30:02 Project CRC 2434
3.246 FEA0:x CTRL Diag Data 2435
3.246.1 FEA0:01 CTRLC1 Module State 2435
3.246.2 FEA0:02 CTRLC2 Module State 2435
3.246.3 FEA0:03 CTRLC1 Global Fault Code 2435
3.246.4 FEA0:04 CTRLC1 Global Fault Additional Code 2436
3.246.5 FEA0:05 CTRLC2 Global Fault Code 2436
3.246.6 FEA0:06 CTRLC2 Global Fault Additional Code 2436
3.246.7 FEA0:07 Main Loop Task Exceeded Counter In Run 2437
3.246.8 FEA0:08 Main Loop Task Exceeded Counter In Stop 2437
3.246.9 FEA0:09 Actual Safety Control Task Execution Time In Run 2437
3.246.1 FEA0:0A Min Safety Control Task Execution Time In Run 2437
0
3.246.1 FEA0:0B Max Safety Control Task Execution Time In Run 2438
1
3.246.1 FEA0:0C Actual Safety Control Task Distance Time In Run 2438
2
3.246.1 FEA0:0D Min Safety Control Task Distance Time In Run 2438
3
3.246.1 FEA0:0E Max Safety Control Task Distance Time In Run 2439
4
3.246.1 FEA0:0F Actual Main Loop Task Execution Time In Run 2439
5
3.246.1 FEA0:10 Min Main Loop Task Execution Time In Run 2439
6
3.246.1 FEA0:11 Max Main Loop Task Execution Time In Run 2439
7
3.246.1 FEA0:12 Actual Monitoring Task Execution Time 2440
8

3.246.1 FEA0:13 Min Monitoring Task Execution Time 24409
3.246.2 FEA0:14 Max Monitoring Task Execution Time 24400
3.246.2 FEA0:15 Actual Safety Control Task Execution Time In Stop 24411
3.246.2 FEA0:16 Min Safety Control Task Execution Time In Stop 24412
3.246.2 FEA0:17 Max Safety Control Task Execution Time In Stop 24413
3.246.2 FEA0:18 Actual Safety Control Task Distance Time In Stop 24414
3.246.2 FEA0:19 Min Safety Control Task Distance Time In Stop 24425
3.246.2 FEA0:1A Max Safety Control Task Distance Time In Stop 24426
3.246.2 FEA0:1B Actual Main Loop Task Execution Time In Stop 24427
3.246.2 FEA0:1C Min Main Loop Task Execution Time In Stop 24438
3.246.2 FEA0:1D Max Main Loop Task Execution Time In Stop 24439

4 Objects of module DeviceDebug 2444
4.1 1600:x DeviceDebug Outputs 2444
4.2 16E0:x DeviceDebug Dynamic Outputs 2445
4.3 1A00:x DeviceDebug Inputs 2446
4.4 1AE0:x DeviceDebug Dynamic Inputs 2447
4.5 2FE0:x TestInputs 2448
4.6 2FE1:x TestOutputs 2449
4.7 2FF0:x Memory000 2450
4.8 2FF1:x Memory400 2451
4.9 2FF2:x Memory800 2452
4.10 2FF3:x MemoryC00 2453
4.11 2FFE:x developer commands 2454

5 Objects of module AxisMain 2455
5.1 1600:x AxisMain Outputs 2455
5.2 16E0:x AxisMain Dynamic Outputs 2456
5.3 1A00:x AxisMain Inputs 2457
5.4 1AE0:x AxisMain Dynamic Inputs 2458
5.5 3000:x AxisMain parameters 2459
5.5.1 3000:01 Motor brake type 2459
5.5.2 3000:02 Motor brake usage 2459
5.5.3 3000:03 Drive on delay time 2460
5.5.4 3000:04 Drive off delay time 2460
5.5.5 3000:05 Motor brake current monitoring level 2460
5.5.6 3000:06 Configured drive type 2461
5.5.7 3000:07 Motor brake force 2461
5.5.8 3000:08 Modulo data storage 2461

5.5.9 3000:09 Voltage enabled bit support ... 2462
5.5.10 3000:0A Touch probe 1 edge filter time ... 2462
5.5.11 3000:0B Touch probe 2 edge filter time ... 2463
5.5.12 3000:0C Digital input 1 force ... 2463
5.5.13 3000:0D Digital input 2 force ... 2463
5.5.14 3000:0E Digital input 3 force ... 2464
5.5.15 3000:0F Digital input 4 force ... 2464
5.5.16 3000:10 Digital output 2 force ... 2464
5.5.17 3000:11 Digital output 1 force ... 2465
5.5.18 3000:12 Touch probe 1 position source ... 2465
5.5.19 3000:13 Touch probe 2 position source ... 2466
5.6 3001:x AxisMain actual values ... 2467
5.6.1 3001:01 Actual motor brake current ... 2467
5.6.2 3001:02 IGBT temperature ... 2467
5.6.3 3001:03 Missing output cycle counter increments ... 2467
5.6.4 3001:04 Output stage safety state ... 2468
5.6.5 3001:05 Dyninput cycle counter ... 2468
5.6.6 3001:06 Missing dynoutput cycle counter increments ... 2468
5.6.7 3001:07 Actual motor brake state ... 2469
5.6.8 3001:08 Current error reaction ... 2469
5.6.9 3001:09 Actual motor brake state with delay time ... 2470
5.6.10 3001:0A Fast stop position ... 2470
5.6.11 3001:0B Fast stop state ... 2470
5.6.12 3001:0C Actual warning types states ... 2471
5.7 3002:x AxisMain parameters positive limit switch ... 2472
5.7.1 3002:01 Configuration ... 2472
5.7.2 3002:02 Input number ... 2472
5.7.3 3002:03 Reaction ... 2473
5.8 3003:x AxisMain parameters negative limit switch ... 2474
5.8.1 3003:01 Configuration ... 2474
5.8.2 3003:02 Input number ... 2474
5.8.3 3003:03 Reaction ... 2475
5.9 3004:x AxisMain parameters error manager ... 2476
5.9.1 3004:01 Error reaction delay time ... 2476
5.9.2 3004:02 Choose force reaction ... 2476
5.9.3 3004:03 Force reaction ... 2477
5.9.4 3004:04 Extended fault reset ... 2477
5.9.5 3004:05 Propagate error type torque off ... 2477
5.9.6 3004:06 Propagate error type shorted coils brake ... 2478
5.9.7 3004:07 Propagate error type open loop ramp ... 2478
5.9.8 3004:08 Propagate error type closed loop ramp ... 2478
5.9.9 3004:09 Propagate error type nc handling ... 2479
5.9.10 3004:0A reserve 1 ... 2479
5.9.11 3004:0B reserve 2 ... 2479
5.9.12 3004:0C reserve 3 ... 2480
5.9.13 3004:0D Propagate errors ... 2480
5.9.14 3004:0E React on propagated error ... 2480

5.9.15 3004:0F Receive propagated errors ... 2481
5.9.16 3004:10 Relegate extended fault reset ... 2481
5.9.17 3004:11 Park axis ... 2481
5.9.18 3004:12 Maximum torque off delay time ... 2482
5.10 3005:x AxisMain scaling index ... 2483
5.10.1 3005:01 Scaling index position NC ... 2483
5.10.2 3005:02 Scaling index velocity NC ... 2484
5.10.3 3005:03 Scaling index acceleration ... 2484
5.10.4 3005:04 Scaling index jerk ... 2484
5.10.5 3005:05 Scaling index torque or force ... 2485
5.10.6 3005:06 Scaling index position NC per second ... 2485
5.10.7 3005:07 Scaling index velocity NC per second ... 2486
5.10.8 3005:08 Scaling index velocity native ... 2486
5.10.9 3005:09 Scaling index velocity proportional gain ... 2487
5.10.10 3005:0A Scaling index spring rate ... 2487
5.10.11 3005:0B Scaling index inertia ... 2488
5.11 3006:x AxisMain command ... 2489
5.12 3007:x AxisMain parameters position offset ... 2490
5.12.1 3007:01 Offset position actual value ... 2490
5.12.2 3007:02 Offset position actual value source ... 2490
5.12.3 3007:03 Offset additional position actual value ... 2491
5.12.4 3007:04 Offset additional position actual value source ... 2491
5.12.5 3007:05 Offset position actual value active source ... 2491
5.12.6 3007:06 Offset additional position actual value active source ... 2492
5.13 3008:x AxisMain parameters encoder direction ... 2493
5.13.1 3008:01 Secondary encoder direction ... 2493
5.13.2 3008:02 Primary encoder direction ... 2493
5.14 3009:x AxisMain parameters hardware enable ... 2495
5.14.1 3009:01 Configuration ... 2495
5.14.2 3009:02 Input number ... 2495
5.14.3 3009:03 Disable reaction ... 2496
5.15 300A:x AxisMain demand values ... 2497
5.15.1 300A:01 Dynoutput cycle counter ... 2497
5.16 300C:x AxisMain advanced tuning command ... 2498
5.16.1 300C:01 Command ... 2498
5.16.2 300C:02 Status ... 2498
5.16.3 300C:03 Response ... 2501
5.17 300D:x AxisMain advanced tuning command parameters ... 2502
5.17.1 300D:01 Command mode ... 2502
5.17.2 300D:02 Feed in point ... 2502
5.17.3 300D:03 Excitation signal type ... 2503
5.17.4 300D:04 Additive excitation amplitude ... 2503
5.17.5 300D:05 Permissible movement positive direction ... 2503
5.17.6 300D:06 Permissible movement negative direction ... 2504
5.17.7 300D:07 Base velocity amplitude ... 2504
5.17.8 300D:08 Signal velocity amplitude ... 2504

5.17.9 300D:09 Version ... 2505
5.18 300E:x AxisMain parameters fast stop ... 2506
5.18.1 300E:01 Configuration ... 2506
5.18.2 300E:02 Input number ... 2506
5.18.3 300E:03 Reaction ... 2507
5.18.4 300E:04 Position latch ... 2507
5.18.5 300E:05 Following error scale factor ... 2508
5.19 301E:x AxisMain error counter ... 2509
5.19.1 301E:01 Motor overload shut down ... 2509
5.19.2 301E:02 Motor overtemperature shut down ... 2509
5.19.3 301E:03 Drive overtemperature shut down ... 2509
5.19.4 301E:04 Control voltage error ... 2510
5.19.5 301E:05 Feedback error ... 2510
5.19.6 301E:06 Commutation error ... 2510
5.19.7 301E:07 Overcurrent error ... 2511
5.19.8 301E:08 Overvoltage error ... 2511
5.19.9 301E:09 Undervoltage error ... 2511
5.19.10 301E:0A Power supply phase error ... 2512
5.19.11 301E:0B Communication error ... 2512
5.19.12 301E:0C TorqueOff with emergency brake ... 2512
5.19.13 301E:0D Motor connection error ... 2513
5.19.14 301E:0E Safety STO error ... 2513
5.19.15 301E:0F Overspeed error ... 2513
5.19.16 301E:10 Motor Brake connection error ... 2514
5.19.17 301E:11 DC link connection overcurrent error ... 2514
5.20 301F:x AxisMain info ... 2515
5.20.1 301F:01 Operating time power stage ... 2515
5.20.2 301F:02 Persistent data primary feedback valid values ... 2515
5.20.3 301F:03 Persistent data primary feedback serial number ... 2515
5.20.4 301F:04 Persistent data primary feedback offset ... 2516
5.20.5 301F:05 Persistent data secondary feedback valid values ... 2516
5.20.6 301F:06 Persistent data secondary feedback serial number ... 2516
5.20.7 301F:07 Persistent data secondary feedback offset ... 2517
5.21 603E:x TxPDO Data invalid ... 2518
5.21.1 603E:01 Velocity sensor actual value invalid ... 2518
5.21.2 603E:02 Position actual value invalid ... 2518
5.21.3 603E:03 1st Additional position actual value invalid ... 2519
5.21.4 603E:04 2nd Additional position actual value invalid ... 2519
5.22 603F Error code ... 2520
5.23 6040 Controlword ... 2521
5.24 6041 Statusword ... 2522
5.25 605A Quick stop option code ... 2523
5.26 605E Fault reaction option code ... 2524
5.27 6060 Modes of operation ... 2525
5.28 6061 Modes of operation display ... 2526
5.29 6064 Position actual value ... 2527
5.30 606C Velocity actual value ... 2528

5.31 607B:x Position range limit ... 2529
5.31.1 607B:01 Min position range limit ... 2529
5.31.2 607B:02 Max position range limit ... 2529
5.32 608F:x Position encoder resolution ... 2530
5.32.1 608F:01 Encoder increments ... 2530
5.32.2 608F:02 Motor revolutions ... 2530
5.33 6091:x Gear ratio ... 2531
5.33.1 6091:01 Motor shaft revolutions ... 2531
5.33.2 6091:02 Driving shaft revolutions ... 2531
5.34 6092:x Feed constant ... 2532
5.34.1 6092:01 Feed ... 2532
5.34.2 6092:02 Shaft revolutions ... 2533
5.35 6096:x Velocity factor ... 2534
5.35.1 6096:01 Numerator ... 2534
5.35.2 6096:02 Divisor ... 2534
5.36 6097:x Acceleration factor ... 2535
5.36.1 6097:01 Numerator ... 2535
5.36.2 6097:02 Divisor ... 2535
5.37 60A2:x Jerk factor ... 2536
5.37.1 60A2:01 Numerator ... 2536
5.37.2 60A2:02 Divisor ... 2536
5.38 60B8 Touch probe control ... 2537
5.39 60B9 Touch probe status ... 2538
5.40 60BA Touch probe 1 positive edge ... 2539
5.41 60BB Touch probe 1 negative edge ... 2540
5.42 60BC Touch probe 2 positive edge ... 2541
5.43 60BD Touch probe 2 negative edge ... 2542
5.44 60D0:x Touch probe source ... 2543
5.44.1 60D0:01 Touch probe 1 source ... 2543
5.44.2 60D0:02 Touch probe 2 source ... 2543
5.45 60D1 Touch probe time stamp 1 positive edge ... 2545
5.46 60D2 Touch probe time stamp 1 negative edge ... 2546
5.47 60D3 Touch probe time stamp 2 positive edge ... 2547
5.48 60D4 Touch probe time stamp 2 negative edge ... 2548
5.49 60D5 Touch probe 1 positive edge counter ... 2549
5.50 60D6 Touch probe 1 negative edge counter ... 2550
5.51 60D7 Touch probe 2 positive edge counter ... 2551
5.52 60D8 Touch probe 2 negative edge counter ... 2552
5.53 60D9 Supported functions ... 2553
5.54 60DA Function settings ... 2554
5.55 60E4:x Additional position actual value ... 2555
5.55.1 60E4:01 1st additional position actual value ... 2555
5.56 60E5:x Additional velocity actual value ... 2556
5.56.1 60E5:01 1st additional velocity actual value ... 2556
5.57 60E6:x Additional position encoder resolution encoder increments ... 2557
5.57.1 60E6:01 1st additional position encoder resolution - encoder increments ... 2557

5.58 60E8:x Additional gear ratio motor revolutions 2558
5.58.1 60E8:01 1st additional gear ratio - motor revolutions 2558
5.59 60E9:x Additional feed constant feed 2559
5.59.1 60E9:01 1st additional feed constant - feed 2559
5.60 60EB:x Additional position encoder resolution motor revolutions 2561
5.60.1 60EB:01 1st additional position encoder resolution - motor revolutions 2561
5.61 60ED:x Additional gear ratio shaft revolutions 2562
5.61.1 60ED:01 1st additional gear ratio - driving shaft revolutions 2562
5.62 60EE:x Additional feed constant driving shaft revolutions 2563
5.62.1 60EE:01 1st additional feed constant - driving shaft revolutions 2563
5.63 60FD Digital inputs 2564
5.64 6502 Supported drive modes 2565

6 Objects of module Interpolator 2566
6.1 1600:x Interpolator Outputs 2566
6.2 16E0:x Interpolator Dynamic Outputs 2567
6.3 1A00:x Interpolator Inputs 2568
6.4 1AE0:x Interpolator Dynamic Inputs 2569
6.5 3061:x Interpolator actual values 2570
6.5.1 3061:01 Interpolated position demand value 2570
6.5.2 3061:02 Interpolated velocity demand value 2570
6.5.3 3061:03 Interpolated acceleration demand value 2571
6.5.4 3061:04 Target velocity remote loopback 2571
6.5.5 3061:05 Demandvalue extrapolation cycle counter 2571
6.6 3062:x Interpolator parameters feed forward 2572
6.6.1 3062:01 Velocity feed forward gain 2572
6.6.2 3062:02 Velocity feed forward filter time constant 2572
6.6.3 3062:03 Acceleration feed forward gain 2572
6.6.4 3062:04 Acceleration feed forward filter time constant 2573
6.6.5 3062:05 Acceleration feed forward path 2573
6.7 3063:x Interpolator demand values 2574
6.7.1 3063:01 Target velocity remote 2574
6.8 607A Target position 2575
6.9 60B0 Position offset 2576
6.10 60B1 Velocity offset 2577
6.11 60C0 Interpolation sub mode select 2578
6.12 60FF Target velocity 2579

7 Objects of module PositionControl 2580
7.1 1600:x PositionControl Outputs 2580
7.2 16E0:x PositionControl Dynamic Outputs 2581
7.3 1A00:x PositionControl Inputs 2582
7.4 1AE0:x PositionControl Dynamic Inputs 2583
7.5 30C0:x PositionControl parameters mappable 2584
7.5.1 30C0:01 Position control proportional gain 2584
7.6 30C3:x PositionControl parameters 2585
7.6.1 30C3:01 Velocity demand value filter time constant 2585
7.6.2 30C3:02 Cycle Time 2585

7.6.3 30C3:03 Bipolar position controller output limit value 2586
7.7 6065 Following error window 2587
7.8 6066 Following error time out 2588
7.9 60F4 Following error actual value 2589

8 Objects of module VelocityControl 2590
8.1 1600:x VelocityControl Outputs 2590
8.2 16E0:x VelocityControl Dynamic Outputs 2591
8.3 1A00:x VelocityControl Inputs 2592
8.4 1AE0:x VelocityControl Dynamic Inputs 2593
8.5 3140:x VelocityControl parameters mappable 2594
8.5.1 3140:01 Velocity control proportional gain 2594
8.5.2 3140:02 Velocity control integral action time 2594
8.5.3 3140:03 Bipolar velocity limit value 2594
8.5.4 3140:04 Reserved 2595
8.5.5 3140:05 Weight counterbalance 2595
8.5.6 3140:06 Reserved 2 2595
8.5.7 3140:07 Load inertia/mass 2596
8.5.8 3140:08 Collision torque limit 2596
8.6 3141:x VelocityControl actual values 2597
8.6.1 3141:01 PosCtrl velocity demand value 2597
8.6.2 3141:02 Limited velocity demand value 2597
8.6.3 3141:03 Velocity actual value velocity observer 2598
8.6.4 3141:04 Velocity error 2598
8.6.5 3141:05 Velocity resulting from differentiation 2598
8.6.6 3141:06 Total inertia/force 2599
8.6.7 3141:07 VeloCtrl statusword 2599
8.6.8 3141:08 Friction feed forward 2599
8.6.9 3141:09 Collision torque monitoring 2600
8.6.10 3141:0A Actual gain scheduling factor 2600
8.7 3142:x VelocityControl parameters 2601
8.7.1 3142:01 Velocity error tolerance 2601
8.7.2 3142:02 Quick stop jerk 2601
8.7.3 3142:03 Cycle Time 2602
8.7.4 3142:04 Velocity threshold 2602
8.7.5 3142:05 Velocity threshold time 2602
8.7.6 3142:06 Use gantry brake instead of closed loop ramp 2602
8.7.7 3142:07 Gantry brake torque limit 2603
8.7.8 3142:08 Collision monitoring time 2603
8.7.9 3142:09 Collision monitoring reaction 2603
8.8 3143:x VelocityControl observer 2605
8.8.1 3143:01 Damping 2605
8.8.2 3143:02 Bandwidth 2605
8.8.3 3143:03 Correction factor torque to acceleration 2605
8.8.4 3143:04 Observer type 2606
8.9 3144:x VelocityControl parameters friction 2607
8.9.1 3144:01 Static friction spring rate 2607

8.9.2 3144:02 Static friction torque/force ... 2607
8.9.3 3144:03 Dynamic friction factor ... 2608
8.10 3146:x VelocityControl gain scheduling ... 2609
8.10.1 3146:01 Gain scheduling configuration ... 2609
8.10.2 3146:02 Velocity 1 ... 2609
8.10.3 3146:03 Velocity 2 ... 2610
8.10.4 3146:04 Velocity 3 ... 2610
8.10.5 3146:05 Velocity 4 ... 2610
8.10.6 3146:06 Velocity 5 ... 2610
8.10.7 3146:07 Gain factor 1 ... 2611
8.10.8 3146:08 Gain factor 2 ... 2611
8.10.9 3146:09 Gain factor 3 ... 2611
8.10.10 3146:0A Gain factor 4 ... 2612
8.10.11 3146:0B Gain factor 5 ... 2612
8.10.12 3146:0C Gain scheduling data is valid ... 2612
8.11 6085 Quick stop deceleration ... 2614
8.12 60C5 Max acceleration ... 2615
8.13 60C6 Max deceleration ... 2616

9 Objects of module VelocityControl2 ... 2617
9.1 1600:x VelocityControl2 Outputs ... 2617
9.2 16E0:x VelocityControl2 Dynamic Outputs ... 2618
9.3 1A00:x VelocityControl2 Inputs ... 2619
9.4 1AE0:x VelocityControl2 Dynamic Inputs ... 2620
9.5 3140:x VelocityControl2 parameters mappable ... 2621
9.5.1 3140:01 Velocity control proportional gain ... 2621
9.5.2 3140:02 Velocity control integral action time ... 2621
9.5.3 3140:03 Bipolar velocity limit value ... 2621
9.5.4 3140:04 Reserved ... 2622
9.5.5 3140:05 Weight counterbalance ... 2622
9.5.6 3140:06 Reserved 2 ... 2622
9.5.7 3140:07 Load inertia/mass ... 2623
9.6 3141:x VelocityControl2 actual values ... 2624
9.6.1 3141:01 PosCtrl velocity demand value ... 2624
9.6.2 3141:02 Limited velocity demand value ... 2624
9.6.3 3141:03 Velocity actual value velocity observer ... 2625
9.6.4 3141:04 Velocity error ... 2625
9.6.5 3141:05 Velocity resulting from differentiation ... 2625
9.6.6 3141:06 Total inertia/force ... 2626
9.6.7 3141:07 VeloCtrl statusword ... 2626
9.6.8 3141:08 Friction feed forward ... 2626
9.6.9 3141:09 Collision torque monitoring ... 2627
9.6.10 3141:0A Actual gain scheduling factor ... 2627
9.7 3142:x VelocityControl2 parameters ... 2628
9.7.1 3142:01 Velocity error tolerance ... 2628
9.7.2 3142:02 Quick stop jerk ... 2628
9.7.3 3142:03 Cycle Time ... 2629

9.7.4 3142:04 Velocity threshold 2629
9.7.5 3142:05 Velocity threshold time 2629
9.7.6 3142:06 Use gantry brake instead of closed loop ramp 2629
9.7.7 3142:07 Gantry brake torque limit 2630
9.8 3143:x VelocityControl2 observer 2631
9.8.1 3143:01 Damping 2631
9.8.2 3143:02 Bandwidth 2631
9.8.3 3143:03 Correction factor torque to acceleration 2631
9.8.4 3143:04 Observer type 2632
9.9 3144:x VelocityControl2 parameters friction 2633
9.9.1 3144:01 Static friction spring rate 2633
9.9.2 3144:02 Static friction torque/force 2633
9.9.3 3144:03 Dynamic friction factor 2634
9.10 3145:x VelocityControl2 parameters 2 2635
9.10.1 3145:01 VeloCtrl positive torque/force limit value 2635
9.10.2 3145:02 VeloCtrl negative torque/force limit value 2635
9.11 3146:x VelocityControl2 gain scheduling 2637
9.11.1 3146:01 Gain scheduling configuration 2637
9.11.2 3146:02 Velocity 1 2637
9.11.3 3146:03 Velocity 2 2638
9.11.4 3146:04 Velocity 3 2638
9.11.5 3146:05 Velocity 4 2638
9.11.6 3146:06 Velocity 5 2638
9.11.7 3146:07 Gain factor 1 2639
9.11.8 3146:08 Gain factor 2 2639
9.11.9 3146:09 Gain factor 3 2639
9.11.10 3146:0A Gain factor 4 2640
9.11.11 3146:0B Gain factor 5 2640
9.11.12 3146:0C Gain scheduling data is valid 2640
9.12 6085 Quick stop deceleration 2642
9.13 60C5 Max acceleration 2643
9.14 60C6 Max deceleration 2644
9.15 60C8 Low velocity limit value 2645
9.16 60C9 High velocity limit value 2646
9.17 60CA Torque limitation option code 2647
9.18 60CC Torque limitation mode status 2648

10 Objects of module BiquadFilter 2649
10.1 1A00:x [SL] BiquadFilter Inputs 2649
10.2 1AE0:x [SL] BiquadFilter Dynamic Inputs 2650
10.3 3163:x [SL] BiquadFilter parameters 2651
10.3.1 3163:01 Low pass frequency 2651
10.3.2 3163:02 Low pass damping 2651
10.3.3 3163:03 High pass frequency 2652
10.3.4 3163:04 High pass damping 2652
10.3.5 3163:05 Filter type 2652
10.4 3164 [SL] BiquadFilter input signal 2654

10.5 3165 [SL] BiquadFilter output signal 2655
10.6 3166 [SL] BiquadFilter scaling index 2656

11 Objects of module TorqueControl 2657
11.1 1600:x TorqueControl Outputs 2657
11.2 16E0:x TorqueControl Dynamic Outputs 2658
11.3 1A00:x TorqueControl Inputs 2659
11.4 1AE0:x TorqueControl Dynamic Inputs 2660
11.5 3240:x TorqueControl parameters mappable 2661
11.5.1 3240:01 Torque control proportional gain q 2661
11.5.2 3240:02 Torque control integral action time q 2661
11.5.3 3240:03 Torque control proportional gain d 2661
11.5.4 3240:04 Torque control integral action time d 2662
11.6 3241:x TorqueControl actual values 2663
11.6.1 3241:01 VeloCtrl torque/force demand value 2663
11.6.2 3241:02 Feed forward torque/force demand value 2663
11.6.3 3241:03 Limited torque/force demand value 2664
11.6.4 3241:04 Filtered torque/force demand value 2664
11.6.5 3241:05 Reserved 2664
11.6.6 3241:06 Torque ctrl statusword 2665
11.6.7 3241:07 Pos torque/force limit effective 2665
11.6.8 3241:08 Neg torque/force limit effective 2665
11.6.9 3241:09 TorCtrl torque/force actual value 2666
11.6.10 3241:0A Deceleration torque/force limit actual 2666
11.6.11 3241:0B Additional VeloCtrl torque/force demand value 2666
11.6.12 3241:0C Cogging compensation torque demand value 2667
11.6.13 3241:0D Torque/force demand value without cogging comp torque/force 2667
11.7 3242:x TorqueControl actual values2 2668
11.7.1 3242:01 Iq TorqueProportional demand 2668
11.7.2 3242:02 Id demand 2668
11.7.3 3242:03 Iq TorqueProportional actual 2668
11.7.4 3242:04 Iq actual 2669
11.7.5 3242:05 Id actual 2669
11.7.6 3242:06 Iu actual 2669
11.7.7 3242:07 Iv actual 2670
11.7.8 3242:08 Iw actual 2670
11.7.9 3242:09 Ialpha actual 2670
11.7.10 3242:0A Ibeta actual 2671
11.7.11 3242:0B Irms actual 2671
11.7.12 3242:0C Thermal channel utilization 2671
11.7.13 3242:0D I2 Channel 2672
11.7.14 3242:0F Uq actual 2672
11.7.15 3242:10 Ud actual 2672
11.7.16 3242:11 Urms actual 2672
11.7.17 3242:12 Electrical power 2673
11.7.18 3242:13 Mechanical power 2673
11.7.19 3242:14 Iuvw sum 2673

11.7.20 3242:15 Commutation angle actual ... 2674
11.7.21 3242:16 Ualpha actual ... 2674
11.7.22 3242:17 Ubeta actual ... 2674
11.7.23 3242:18 Target torque/force remote loopback ... 2675
11.7.24 3242:19 Frequency actual value ... 2675
11.8 3243:x TorqueControl parameters ... 2676
11.8.1 3243:01 Configured channel rated current ... 2676
11.8.2 3243:02 Configured channel peak current ... 2676
11.8.3 3243:03 Channel rated current ... 2677
11.8.4 3243:04 Channel peak current ... 2677
11.8.5 3243:05 Configured channel peak torque/force ... 2677
11.8.6 3243:06 Max channel accepted velocity ... 2678
11.8.7 3243:07 Iuvw max sum ... 2678
11.8.8 3243:08 Amplifier output voltage slope ... 2678
11.8.9 3243:09 Cycle Time ... 2678
11.8.10 3243:0A PWM mode ... 2679
11.8.11 3243:0B Configured channel thermal rated current ... 2679
11.8.12 3243:0C Overcurrent protection weakening factor ... 2680
11.8.13 3243:0D Voltage error compensation factor ... 2680
11.8.14 3243:0E Minimal current controller output voltage ... 2680
11.8.15 3243:0F Amplifier output voltage slope mode ... 2680
11.9 3244:x TorqueControl demand values ... 2682
11.9.1 3244:01 Id demand value ... 2682
11.9.2 3244:02 Target torque/force remote ... 2682
11.9.3 3244:03 Target torque/force offset remote ... 2682
11.10 6071 Target torque/force ... 2684
11.11 6072 Bipolar torque/force limit value ... 2685
11.12 6077 Torque/force actual value ... 2686
11.13 6087 Torque/force slope ... 2687
11.14 60B2 Torque/force offset ... 2688
11.15 60E0 Positive torque/force limit value ... 2689
11.16 60E1 Negative torque/force limit value ... 2690
11.17 60EA Commutation angle ... 2691

12 Objects of module TorqueControlDC ... 2692
12.1 1600:x TorqueControlDC Outputs ... 2692
12.2 16E0:x TorqueControlDC Dynamic Outputs ... 2693
12.3 1A00:x TorqueControlDC Inputs ... 2694
12.4 1AE0:x TorqueControlDC Dynamic Inputs ... 2695
12.5 3240:x TorqueControlDC parameters mappable ... 2696
12.5.1 3240:01 Torque control proportional gain ... 2696
12.5.2 3240:02 Torque control integral action time ... 2696
12.6 3241:x TorqueControlDC actual values ... 2697
12.6.1 3241:01 VeloCtrl torque/force demand value ... 2697
12.6.2 3241:02 Feed forward torque/force demand value ... 2697
12.6.3 3241:03 Limited torque/force demand value ... 2698
12.6.4 3241:04 Filtered torque/force demand value ... 2698

12.6.5 3241:05 Reserved 2698
12.6.6 3241:06 Torque ctrl statusword 2699
12.6.7 3241:07 Pos torque/force limit effective 2699
12.6.8 3241:08 Neg torque/force limit effective 2699
12.6.9 3241:09 TorCtrl torque/force actual value 2700
12.6.10 3241:0A Deceleration torque/force limit actual 2700
12.6.11 3241:0B Additional VeloCtrl torque/force demand value 2700
12.6.12 3241:0C Cogging compensation torque demand value 2701
12.6.13 3241:0D Torque/force demand value without cogging comp torque/force 2701
12.7 3242:x TorqueControlDC actual values2 2702
12.7.1 3242:01 Iq TorqueProportional demand 2702
12.7.2 3242:03 Iq TorqueProportional actual 2702
12.7.3 3242:04 Iq actual 2702
12.7.4 3242:07 Iv actual 2703
12.7.5 3242:08 Iw actual 2703
12.7.6 3242:0C Thermal channel utilization 2703
12.7.7 3242:0D I2 Channel 2704
12.7.8 3242:0F Uq actual 2704
12.7.9 3242:18 Target torque/force remote loopback 2704
12.8 3243:x TorqueControlDC parameters 2706
12.8.1 3243:01 Configured channel rated current 2706
12.8.2 3243:02 Configured channel peak current 2706
12.8.3 3243:03 Channel rated current 2707
12.8.4 3243:04 Channel peak current 2707
12.8.5 3243:05 Configured channel peak torque/force 2707
12.8.6 3243:06 Max channel accepted velocity 2708
12.8.7 3243:07 Iuvw max sum 2708
12.8.8 3243:08 Amplifier output voltage slope 2708
12.8.9 3243:09 Cycle Time 2708
12.8.10 3243:0A PWM mode 2709
12.8.11 3243:0B Configured channel thermal rated current 2709
12.8.12 3243:0C Overcurrent protection weakening factor 2710
12.8.13 3243:0D Voltage error compensation factor 2710
12.8.14 3243:0E Minimal current controller output voltage 2710
12.8.15 3243:0F Amplifier output voltage slope mode 2710
12.9 3244:x TorqueControlDC demand values 2712
12.9.1 3244:02 Target torque/force remote 2712
12.9.2 3244:03 Target torque/force offset remote 2712
12.10 6071 Target torque/force 2713
12.11 6072 Bipolar torque/force limit value 2714
12.12 6077 Torque/force actual value 2715
12.13 6087 Torque/force slope 2716
12.14 60B2 Torque/force offset 2717
12.15 60E0 Positive torque/force limit value 2718
12.16 60E1 Negative torque/force limit value 2719

13 Objects of module OCT Hiperface DSL Rotary 2720

13.1 1A00:x [SL] OCT Hiperface DSL Rotary Inputs 2720
13.2 1AE0:x [SL] OCT Hiperface DSL Rotary Dynamic Inputs 2721
13.3 32E0:x [SL] OCT Hiperface DSL Rotary actual values 2722
13.3.1 32E0:01 Position 2722
13.3.2 32E0:02 Raw position 2722
13.3.3 32E0:03 Actual position estimator deviation 2722
13.3.4 32E0:04 Status 2723
13.3.5 32E0:05 rsvd 2723
13.3.6 32E0:06 Valid 2723
13.3.7 32E0:07 Internal scaled position 2724
13.4 32E1:x [SL] OCT Hiperface DSL Rotary encoder info 2725
13.4.1 32E1:01 Interface 2725
13.4.2 32E1:02 IpCore version 2725
13.4.3 32E1:03 Encoder identification part 0 2725
13.4.4 32E1:04 Encoder identification part 1 2726
13.4.5 32E1:05 Encoder identification part 2 2726
13.4.6 32E1:06 Encoder base type 2726
13.4.7 32E1:07 Encoder hardware version 2727
13.4.8 32E1:08 rsvd0 2727
13.4.9 32E1:09 Resolution 2728
13.4.10 32E1:0A Range 2728
13.4.11 32E1:0B Base type code name 2728
13.4.12 32E1:0C Serial number 2729
13.4.13 32E1:0D Firmware revision number 2729
13.4.14 32E1:0E Firmware date 2729
13.4.15 32E1:0F Eeprom size 2729
13.4.16 32E1:10 Min permitted encoder temperature 2730
13.4.17 32E1:11 Max permitted encoder temperature 2730
13.4.18 32E1:12 Max permitted encoder speed 2730
13.4.19 32E1:13 Encoder internal position offset 2731
13.4.20 32E1:14 Estimator acceleration 2731
13.4.21 32E1:15 Accepted estimator deviation 2731
13.4.22 32E1:16 rsvd1 2732
13.4.23 32E1:17 Encoder status 0 (addr 0x40) mask 2732
13.4.24 32E1:18 Encoder status 1 (addr 0x41) mask 2732
13.4.25 32E1:19 Encoder status 2 (addr 0x42) mask 2733
13.4.26 32E1:1A Encoder status 3 (addr 0x43) mask 2733
13.4.27 32E1:1B Encoder status 4 (addr 0x44) mask 2733
13.4.28 32E1:1C Encoder status 5 (addr 0x45) mask 2734
13.4.29 32E1:1D Encoder status 6 (addr 0x46) mask 2734
13.4.30 32E1:1E Encoder status 7 (addr 0x47) mask 2734
13.4.31 32E1:1F Encoder status 0 (addr 0x40) after power up 2735
13.4.32 32E1:20 Encoder status 1 (addr 0x41) after power up 2735
13.4.33 32E1:21 Encoder status 2 (addr 0x42) after power up 2735
13.4.34 32E1:22 Encoder status 3 (addr 0x43) after power up 2736
13.4.35 32E1:23 Encoder status 4 (addr 0x44) after power up 2736

13.4.36 32E1:24 Encoder status 5 (addr 0x45) after power up 2736
13.4.37 32E1:25 Encoder status 6 (addr 0x46) after power up 2737
13.4.38 32E1:26 Encoder status 7 (addr 0x47) after power up 2737
13.4.39 32E1:27 Encoder index 2737
13.4.40 32E1:28 Encoder index status 2738
13.4.41 32E1:29 Error log filter 2738
13.4.42 32E1:2A Safe channel 2 resolution 2738
13.4.43 32E1:2B rsvd2 2739
13.4.44 32E1:2C System periods and resolution 2739
13.4.45 32E1:2D Code disk position range 2739
13.5 32E2:x [SL] OCT Hiperface DSL Rotary encoder status 2740
13.5.1 32E2:01 Delay register 2740
13.5.2 32E2:02 Master quality monitor 2740
13.5.3 32E2:03 Slave received signal strength 2741
13.5.4 32E2:04 Edges register 2741
13.5.5 32E2:05 Summary register 2741
13.5.6 32E2:06 rsvd0 2742
13.5.7 32E2:07 Encoder temperature 2742
13.5.8 32E2:08 Sensor monitor eg LED current 2742
13.5.9 32E2:09 Supply voltage 2742
13.5.10 32E2:0A Encoder status 0 (addr 0x40) 2743
13.5.11 32E2:0B Encoder status 1 (addr 0x41) 2743
13.5.12 32E2:0C Encoder status 2 (addr 0x42) 2743
13.5.13 32E2:0D Encoder status 3 (addr 0x43) 2744
13.5.14 32E2:0E Encoder status 4 (addr 0x44) 2744
13.5.15 32E2:0F Encoder status 5 (addr 0x45) 2744
13.5.16 32E2:10 Encoder status 6 (addr 0x46) 2745
13.5.17 32E2:11 Encoder status 7 (addr 0x47) 2745
13.5.18 32E2:12 Operation time 2745
13.5.19 32E2:13 Total shaft turns 2746
13.5.20 32E2:14 Max occurred position deviation 2746
13.5.21 32E2:15 Position deviation limit exceeded 2746
13.5.22 32E2:16 rsvd1 2747
13.5.23 32E2:17 Total VPOS errors 2747
13.5.24 32E2:18 Total ACC errors 2747
13.5.25 32E2:19 Total VRT errors 2748
13.5.26 32E2:1A Total POS errors 2748
13.5.27 32E2:1B Total LINK errors 2748
13.5.28 32E2:1C Total encoding errors 2749
13.5.29 32E2:1D rsvd2 2749
13.5.30 32E2:1E Resistance measurement value 2749
13.5.31 32E2:1F Parameter channel access counter 2749
13.5.32 32E2:20 Parameter channel access error counter 2750
13.5.33 32E2:21 Remaining life time 2750
13.5.34 32E2:22 Code disk position 2750
13.6 32E3:x [SL] OCT Hiperface DSL Rotary temperature sensors 2752
13.6.1 32E3:01 HpfDSL encoder connected sensor data state 2752

13.6.2 32E3:02 HpfDSL encoder connected sensor resistance ... 2752
13.6.3 32E3:03 Drive connected sensor data state ... 2753
13.6.4 32E3:04 Drive connected sensor resistance ... 2753
13.7 32E4:x [SL] OCT Hiperface DSL Rotary electronic data sheet ... 2754
13.7.1 32E4:01 Data state ... 2754
13.7.2 32E4:02 Electronic data sheet ... 2754
13.8 32E5:x [SL] OCT Hiperface DSL Rotary position offset data ... 2755
13.8.1 32E5:01 Data state ... 2755
13.8.2 32E5:02 Position offset ... 2755
13.9 32E6:x [SL] OCT Hiperface DSL Rotary user data ... 2756
13.9.1 32E6:01 Data state ... 2756
13.9.2 32E6:02 User data ... 2756
13.10 32E7:x [SL] OCT Hiperface DSL Rotary commutation offset data ... 2757
13.10.1 32E7:01 Data state ... 2757
13.10.2 32E7:02 Commutation offset ... 2757
13.11 32E8:x [SL] OCT Hiperface DSL Rotary direct encoder access ... 2758
13.11.1 32E8:01 Command ... 2758
13.11.2 32E8:02 Status ... 2758
13.11.3 32E8:03 Response ... 2761
13.12 32EA:x [SL] OCT Hiperface DSL Rotary save user data ... 2762
13.12.1 32EA:01 Command ... 2762
13.12.2 32EA:02 Status ... 2762
13.12.3 32EA:03 Response ... 2765
13.13 32EB:x [SL] OCT Hiperface DSL Rotary save commutation offset ... 2766
13.13.1 32EB:01 Command ... 2766
13.13.2 32EB:02 Status ... 2766
13.13.3 32EB:03 Response ... 2769
13.14 32EC:x [SL] OCT Hiperface DSL Rotary scan connected encoder ... 2770
13.14.1 32EC:01 Command ... 2770
13.14.2 32EC:02 Status ... 2770
13.14.3 32EC:03 Response ... 2773
13.15 32ED:x [SL] OCT Hiperface DSL Rotary save electronic data sheet ... 2774
13.15.1 32ED:01 Command ... 2774
13.15.2 32ED:02 Status ... 2774
13.15.3 32ED:03 Response ... 2777
13.16 32EF:x [SL] OCT Hiperface DSL Rotary encoder parameter ... 2778
13.16.1 32EF:01 Connector ... 2778
13.16.2 32EF:02 Resolution policy ... 2778
13.16.3 32EF:03 Resolution ... 2779
13.16.4 32EF:04 Range policy ... 2779
13.16.5 32EF:05 Range ... 2779
13.16.6 32EF:06 Trace level ... 2780
13.16.7 32EF:07 Settings ... 2780
13.16.8 32EF:08 Status monitoring mask ... 2781
13.16.9 32EF:09 Customized estimator acceleration ... 2781

13.16.1 32EF:0A Use customized accepted estimator deviation 2781 0
13.16.1 32EF:0B Customized accepted estimator deviation 2782 1
13.17 32F0:x [SL] OCT Hiperface DSL Rotary cogging compensation data 2783
13.17.1 32F0:01 Data state 2783
13.17.2 32F0:02 Compensation data 2783
13.18 32FD:x [SL] OCT Hiperface DSL Rotary sHub info and status 2784
13.18.1 32FD:01 ExtSHub: Identify IO, Amount of IOs 2784
13.18.2 32FD:02 ExtSHub: Identify IO, Input 1 specification 2784
13.18.3 32FD:03 ExtSHub: Identify IO, Input 2 specification 2784
13.18.4 32FD:04 ExtSHub: Device Type 2785
13.18.5 32FD:05 ExtSHub: Base type code name 2785
13.18.6 32FD:06 ExtSHub: Serial number 2785
13.18.7 32FD:07 ExtSHub: Firmware revision number 2786
13.18.8 32FD:08 ExtSHub: Firmware date 2786
13.18.9 32FD:09 ExtSHub: Min permitted temperature 2786
13.18.1 32FD:0A ExtSHub: Max permitted temperature 2787 0
13.18.1 32FD:0B ExtSHub: Operation time 2787 1
13.18.1 32FD:0C IntSHub: Identify IO, Dictionary 1st page 2787 2
13.18.1 32FD:0D IntSHub: Identify IO, Dictionary 2nd page 2788 3
13.18.1 32FD:0E IntSHub: Identify IO, Sensor 0, Overview 2788 4
13.18.1 32FD:0F IntSHub: Identify IO, Sensor 0, Details 2788 5
13.18.1 32FD:10 IntSHub: Identify IO, Sensor 1, Overview 2788 6
13.18.1 32FD:11 IntSHub: Identify IO, Sensor 1, Details 2789 7
13.18.1 32FD:12 IntSHub: Identify IO, Sensor 2, Overview 2789 8
13.18.1 32FD:13 IntSHub: Identify IO, Sensor 2, Details 2789 9
13.18.2 32FD:14 IntSHub: Identify IO, Sensor 3, Overview 2790 0
13.18.2 32FD:15 IntSHub: Identify IO, Sensor 3, Details 2790 1
13.18.2 32FD:16 IntSHub: Identify IO, Sensor 4, Overview 2790 2
13.18.2 32FD:17 IntSHub: Identify IO, Sensor 4, Details 2791 3
13.18.2 32FD:18 IntSHub: Identify IO, Sensor 5, Overview 2791 4
13.18.2 32FD:19 IntSHub: Identify IO, Sensor 5, Details 2791 5
13.18.2 32FD:1A IntSHub: Identify IO, Sensor 6, Overview 2792 6

13.18.2 32FD:1B IntSHub: Identify IO, Sensor 6, Details 27927
13.18.2 32FD:1C IntSHub: Identify IO, Sensor 7, Overview 27928
13.18.2 32FD:1D IntSHub: Identify IO, Sensor 7, Details 27929
13.19 32FE:x [SL] OCT Hiperface DSL Rotary sHub actual values 2794
13.19.1 32FE:01 sHubData 2794
13.19.2 32FE:02 IntSHub: Update counter 2794
13.19.3 32FE:03 IntSHub: Data Sensor 0 2794
13.19.4 32FE:04 IntSHub: Data Sensor 1 2795
13.19.5 32FE:05 IntSHub: Data Sensor 2 2795
13.19.6 32FE:06 IntSHub: Data Sensor 3 2795
13.19.7 32FE:07 IntSHub: Data Sensor 4 2796
13.19.8 32FE:08 IntSHub: Data Sensor 5 2796
13.19.9 32FE:09 IntSHub: Data Sensor 6 2796
13.19.1 32FE:0A IntSHub: Data Sensor 7 27970

14 Objects of module OCT Hiperface DSL Linear 2798
14.1 1A00:x [SL] OCT Hiperface DSL Linear Inputs 2798
14.2 1AE0:x [SL] OCT Hiperface DSL Linear Dynamic Inputs 2799
14.3 32E0:x [SL] OCT Hiperface DSL Linear actual values 2800
14.3.1 32E0:01 Position 2800
14.3.2 32E0:02 Raw position 2800
14.3.3 32E0:03 Actual position estimator deviation 2800
14.3.4 32E0:04 Status 2801
14.3.5 32E0:05 rsvd 2801
14.3.6 32E0:06 Valid 2801
14.3.7 32E0:07 Internal scaled position 2802
14.4 32E1:x [SL] OCT Hiperface DSL Linear encoder info 2803
14.4.1 32E1:01 Interface 2803
14.4.2 32E1:02 IpCore version 2803
14.4.3 32E1:03 Encoder identification part 0 2803
14.4.4 32E1:04 Encoder identification part 1 2804
14.4.5 32E1:05 Encoder identification part 2 2804
14.4.6 32E1:06 Encoder base type 2804
14.4.7 32E1:07 Encoder hardware version 2805
14.4.8 32E1:08 rsvd0 2805
14.4.9 32E1:09 Resolution 2806
14.4.10 32E1:0A Range 2806
14.4.11 32E1:0B Base type code name 2806
14.4.12 32E1:0C Serial number 2807
14.4.13 32E1:0D Firmware revision number 2807
14.4.14 32E1:0E Firmware date 2807
14.4.15 32E1:0F Eeprom size 2807
14.4.16 32E1:10 Min permitted encoder temperature 2808
14.4.17 32E1:11 Max permitted encoder temperature 2808

14.4.18 32E1:12 rsvd1 2808
14.4.19 32E1:13 Encoder internal position offset 2809
14.4.20 32E1:14 Estimator acceleration 2809
14.4.21 32E1:15 Accepted estimator deviation 2809
14.4.22 32E1:16 rsvd2 2810
14.4.23 32E1:17 Encoder status 0 (addr 0x40) mask 2810
14.4.24 32E1:18 Encoder status 1 (addr 0x41) mask 2810
14.4.25 32E1:19 Encoder status 2 (addr 0x42) mask 2811
14.4.26 32E1:1A Encoder status 3 (addr 0x43) mask 2811
14.4.27 32E1:1B Encoder status 4 (addr 0x44) mask 2811
14.4.28 32E1:1C Encoder status 5 (addr 0x45) mask 2812
14.4.29 32E1:1D Encoder status 6 (addr 0x46) mask 2812
14.4.30 32E1:1E Encoder status 7 (addr 0x47) mask 2812
14.4.31 32E1:1F Encoder status 0 (addr 0x40) after power up 2813
14.4.32 32E1:20 Encoder status 1 (addr 0x41) after power up 2813
14.4.33 32E1:21 Encoder status 2 (addr 0x42) after power up 2813
14.4.34 32E1:22 Encoder status 3 (addr 0x43) after power up 2814
14.4.35 32E1:23 Encoder status 4 (addr 0x44) after power up 2814
14.4.36 32E1:24 Encoder status 5 (addr 0x45) after power up 2814
14.4.37 32E1:25 Encoder status 6 (addr 0x46) after power up 2815
14.4.38 32E1:26 Encoder status 7 (addr 0x47) after power up 2815
14.4.39 32E1:27 Encoder index 2815
14.4.40 32E1:28 Encoder index status 2816
14.4.41 32E1:29 Error log filter 2816
14.4.42 32E1:2A Safe channel 2 resolution 2816
14.4.43 32E1:2B rsvd3 2817
14.4.44 32E1:2C System periods and resolution 2817
14.4.45 32E1:2D Code disk position range 2817
14.5 32E2:x [SL] OCT Hiperface DSL Linear encoder status 2818
14.5.1 32E2:01 Delay register 2818
14.5.2 32E2:02 Master quality monitor 2818
14.5.3 32E2:03 Slave received signal strength 2819
14.5.4 32E2:04 Edges register 2819
14.5.5 32E2:05 Summary register 2819
14.5.6 32E2:06 rsvd0 2820
14.5.7 32E2:07 Encoder temperature 2820
14.5.8 32E2:08 Sensor monitor eg LED current 2820
14.5.9 32E2:09 Supply voltage 2820
14.5.10 32E2:0A Encoder status 0 (addr 0x40) 2821
14.5.11 32E2:0B Encoder status 1 (addr 0x41) 2821
14.5.12 32E2:0C Encoder status 2 (addr 0x42) 2821
14.5.13 32E2:0D Encoder status 3 (addr 0x43) 2822
14.5.14 32E2:0E Encoder status 4 (addr 0x44) 2822
14.5.15 32E2:0F Encoder status 5 (addr 0x45) 2822
14.5.16 32E2:10 Encoder status 6 (addr 0x46) 2823
14.5.17 32E2:11 Encoder status 7 (addr 0x47) 2823
14.5.18 32E2:12 Operation time 2823

14.5.19 32E2:13 Total shaft turns 2824
14.5.20 32E2:14 Max occurred position deviation 2824
14.5.21 32E2:15 Position deviation limit exceeded 2824
14.5.22 32E2:16 rsvd1 2825
14.5.23 32E2:17 Total VPOS errors 2825
14.5.24 32E2:18 Total ACC errors 2825
14.5.25 32E2:19 Total VRT errors 2826
14.5.26 32E2:1A Total POS errors 2826
14.5.27 32E2:1B Total LINK errors 2826
14.5.28 32E2:1C Total encoding errors 2827
14.5.29 32E2:1D rsvd2 2827
14.5.30 32E2:1E Resistance measurement value 2827
14.5.31 32E2:1F Parameter channel access counter 2827
14.5.32 32E2:20 Parameter channel access error counter 2828
14.5.33 32E2:21 Remaining life time 2828
14.5.34 32E2:22 Code disk position 2828
14.6 32E3:x [SL] OCT Hiperface DSL Linear temperature sensors 2830
14.6.1 32E3:01 HpfDSL encoder connected sensor data state 2830
14.6.2 32E3:02 HpfDSL encoder connected sensor resistance 2830
14.6.3 32E3:03 Drive connected sensor data state 2831
14.6.4 32E3:04 Drive connected sensor resistance 2831
14.7 32E4:x [SL] OCT Hiperface DSL Linear electronic data sheet 2832
14.7.1 32E4:01 Data state 2832
14.7.2 32E4:02 Electronic data sheet 2832
14.8 32E5:x [SL] OCT Hiperface DSL Linear position offset data 2833
14.8.1 32E5:01 Data state 2833
14.8.2 32E5:02 Position offset 2833
14.9 32E6:x [SL] OCT Hiperface DSL Linear user data 2834
14.9.1 32E6:01 Data state 2834
14.9.2 32E6:02 User data 2834
14.10 32E7:x [SL] OCT Hiperface DSL Linear commutation offset data 2835
14.10.1 32E7:01 Data state 2835
14.10.2 32E7:02 Commutation offset 2835
14.11 32E8:x [SL] OCT Hiperface DSL Linear direct encoder access 2836
14.11.1 32E8:01 Command 2836
14.11.2 32E8:02 Status 2836
14.11.3 32E8:03 Response 2839
14.12 32EA:x [SL] OCT Hiperface DSL Linear save user data 2840
14.12.1 32EA:01 Command 2840
14.12.2 32EA:02 Status 2840
14.12.3 32EA:03 Response 2843
14.13 32EB:x [SL] OCT Hiperface DSL Linear save commutation offset 2844
14.13.1 32EB:01 Command 2844
14.13.2 32EB:02 Status 2844
14.13.3 32EB:03 Response 2847
14.14 32EC:x [SL] OCT Hiperface DSL Linear scan connected encoder 2848

14.14.1 32EC:01 Command 2848
14.14.2 32EC:02 Status 2848
14.14.3 32EC:03 Response 2851
14.15 32ED:x [SL] OCT Hiperface DSL Linear save electronic data sheet 2852
14.15.1 32ED:01 Command 2852
14.15.2 32ED:02 Status 2852
14.15.3 32ED:03 Response 2855
14.16 32EF:x [SL] OCT Hiperface DSL Linear encoder parameter 2856
14.16.1 32EF:01 Connector 2856
14.16.2 32EF:02 Resolution policy 2856
14.16.3 32EF:03 Resolution 2857
14.16.4 32EF:04 Range policy 2857
14.16.5 32EF:05 Range 2857
14.16.6 32EF:06 Trace level 2858
14.16.7 32EF:07 Settings 2858
14.16.8 32EF:08 Status monitoring mask 2859
14.16.9 32EF:09 Customized estimator acceleration 2859
14.16.10 32EF:0A Use customized accepted estimator deviation 2859
14.16.11 32EF:0B Customized accepted estimator deviation 2860
14.17 32F0:x [SL] OCT Hiperface DSL Linear cogging compensation data 2861
14.17.1 32F0:01 Data state 2861
14.17.2 32F0:02 Compensation data 2861
14.18 32FD:x [SL] OCT Hiperface DSL Linear sHub info and status 2862
14.18.1 32FD:01 ExtSHub: Identify IO, Amount of IOs 2862
14.18.2 32FD:02 ExtSHub: Identify IO, Input 1 specification 2862
14.18.3 32FD:03 ExtSHub: Identify IO, Input 2 specification 2862
14.18.4 32FD:04 ExtSHub: Device Type 2863
14.18.5 32FD:05 ExtSHub: Base type code name 2863
14.18.6 32FD:06 ExtSHub: Serial number 2863
14.18.7 32FD:07 ExtSHub: Firmware revision number 2864
14.18.8 32FD:08 ExtSHub: Firmware date 2864
14.18.9 32FD:09 ExtSHub: Min permitted temperature 2864
14.18.10 32FD:0A ExtSHub: Max permitted temperature 2865
14.18.11 32FD:0B ExtSHub: Operation time 2865
14.18.12 32FD:0C IntSHub: Identify IO, Dictionary 1st page 2865
14.18.13 32FD:0D IntSHub: Identify IO, Dictionary 2nd page 2866
14.18.14 32FD:0E IntSHub: Identify IO, Sensor 0, Overview 2866
14.18.15 32FD:0F IntSHub: Identify IO, Sensor 0, Details 2866
14.18.16 32FD:10 IntSHub: Identify IO, Sensor 1, Overview 2866

14.18.1 32FD:11 IntSHub: Identify IO, Sensor 1, Details 2867
14.18.1 32FD:12 IntSHub: Identify IO, Sensor 2, Overview 2867
14.18.1 32FD:13 IntSHub: Identify IO, Sensor 2, Details 2867
14.18.2 32FD:14 IntSHub: Identify IO, Sensor 3, Overview 2868
14.18.2 32FD:15 IntSHub: Identify IO, Sensor 3, Details 2868
14.18.2 32FD:16 IntSHub: Identify IO, Sensor 4, Overview 2868
14.18.2 32FD:17 IntSHub: Identify IO, Sensor 4, Details 2869
14.18.2 32FD:18 IntSHub: Identify IO, Sensor 5, Overview 2869
14.18.2 32FD:19 IntSHub: Identify IO, Sensor 5, Details 2869
14.18.2 32FD:1A IntSHub: Identify IO, Sensor 6, Overview 2870
14.18.2 32FD:1B IntSHub: Identify IO, Sensor 6, Details 2870
14.18.2 32FD:1C IntSHub: Identify IO, Sensor 7, Overview 2870
14.18.2 32FD:1D IntSHub: Identify IO, Sensor 7, Details 2870
14.19 32FE:x [SL] OCT Hiperface DSL Linear sHub actual values 2872
14.19.1 32FE:01 sHubData 2872
14.19.2 32FE:02 IntSHub: Update counter 2872
14.19.3 32FE:03 IntSHub: Data Sensor 0 2873
14.19.4 32FE:04 IntSHub: Data Sensor 1 2873
14.19.5 32FE:05 IntSHub: Data Sensor 2 2873
14.19.6 32FE:06 IntSHub: Data Sensor 3 2874
14.19.7 32FE:07 IntSHub: Data Sensor 4 2874
14.19.8 32FE:08 IntSHub: Data Sensor 5 2874
14.19.9 32FE:09 IntSHub: Data Sensor 6 2875
14.19.1 32FE:0A IntSHub: Data Sensor 7 2875
15 Objects of module EnDat 2.2 Rotary 2876
15.1 1A00:x [SL] EnDat 2.2 Rotary Inputs 2876
15.2 1AE0:x [SL] EnDat 2.2 Rotary Dynamic Inputs 2877
15.3 32E0:x [SL] EnDat 2.2 Rotary actual values 2878
15.3.1 32E0:01 Position 2878
15.3.2 32E0:02 Raw position 2878
15.3.3 32E0:03 rsvd1 2879
15.3.4 32E0:04 Status 2879
15.3.5 32E0:05 rsvd2 2879
15.3.6 32E0:06 Valid 2880
15.3.7 32E0:07 Internal scaled position 2880
15.3.8 32E0:08 Valuation data raw 2880

15.3.9 32E0:09 Valuation addr 1 2881
15.3.10 32E0:0A Valuation addr 2 2881
15.3.11 32E0:0B Valuation addr 3 2881
15.3.12 32E0:0C Valuation addr 4 2882
15.3.13 32E0:0D Valuation addr 5 2882
15.3.14 32E0:0E Valuation addr 6 2882
15.3.15 32E0:0F Valuation addr 7 2883
15.3.16 32E0:10 Valuation addr 8 2883
15.3.17 32E0:11 Mounting parameter 8 2883
15.3.18 32E0:12 Mounting parameter 9 2884
15.3.19 32E0:13 Mounting parameter 10 2884
15.3.20 32E0:14 Mounting parameter 11 2884
15.4 32E1:x [SL] EnDat 2.2 Rotary encoder info 2886
15.4.1 32E1:01 Interface 2886
15.4.2 32E1:02 IpCore Ident 2886
15.4.3 32E1:03 Mask 0 [2.1: Word 4] 2887
15.4.4 32E1:04 Mask 1 [2.1: Word 5] 2887
15.4.5 32E1:05 Mask 2 [2.1: Word 6] 2887
15.4.6 32E1:06 Mask 3 [2.1: Word 7] 2888
15.4.7 32E1:07 Version of the EnDat interface [2.1: Word 8] 2888
15.4.8 32E1:08 Memory allocation for parameters of the OEM [2.1: Word 9,10] 2888
15.4.9 32E1:09 Memory allocation for compensation values [2.1: Word 11,12] 2889
15.4.10 32E1:0A Number of clocks for position value [2.1: Word 13] 2889
15.4.11 32E1:0B Encoder type [2.1: Word 14] 2889
15.4.12 32E1:0C Signal periods per revolution [2.1: Word 15,16] 2890
15.4.13 32E1:0D Number of distinguishable revolutions [2.1: Word 17] 2890
15.4.14 32E1:0E Increment of reference marks [2.1: Word 18] 2890
15.4.15 32E1:0F Position of the first reference mark [2.1: Word 19] 2891
15.4.16 32E1:10 Measuring steps per revolution [2.1: Word 20,21] 2891
15.4.17 32E1:11 Datum shift [2.1: Word 22,23] 2891
15.4.18 32E1:12 ID number 0 [2.1: Word 24] 2892
15.4.19 32E1:13 ID number 1 [2.1: Word 25] 2892
15.4.20 32E1:14 ID number 2 [2.1: Word 26] 2892
15.4.21 32E1:15 Serial number 0 [2.1: Word 27] 2893
15.4.22 32E1:16 Serial number 1 [2.1: Word 28] 2893
15.4.23 32E1:17 Serial number 2 [2.1: Word 29] 2893
15.4.24 32E1:18 Direction of rotation [2.1: Word 30] 2894
15.4.25 32E1:19 Status of commissioning diagnostics [2.1: Word 31] 2894
15.4.26 32E1:1A Maximum mechanically permissible shaft speed [2.1: Word 32] 2894
15.4.27 32E1:1B Accuracy depending on shaft speed area I [2.1: Word 33] 2895
15.4.28 32E1:1C Accuracy depending on shaft speed area II [2.1: Word 34] 2895
15.4.29 32E1:1D Support of error messages 1 [2.1: Word 35] 2895
15.4.30 32E1:1E Support of warnings [2.1: Word 36] 2896
15.4.31 32E1:1F EnDat command set [2.1: Word 37] 2896
15.4.32 32E1:20 EnDat parameter word 38 linear only [2.1: Word 38] 2896
15.4.33 32E1:21 Max calc time for position value [2.1: Word 39] 2897
15.4.34 32E1:22 EnDat ordering designation [2.1: Word 40] 2897

15.4.35 32E1:23 OEM specific data 0 [2.1: Word 41] 2897
15.4.36 32E1:24 OEM specific data 1 [2.1: Word 42] 2898
15.4.37 32E1:25 OEM specific data 2 [2.1: Word 43] 2898
15.4.38 32E1:26 OEM specific data 3 [2.1: Word 44] 2898
15.4.39 32E1:27 OEM specific data 4 [2.1: Word 45] 2899
15.4.40 32E1:28 OEM specific data 5 [2.1: Word 46] 2899
15.4.41 32E1:29 Checksum [2.1: Word 47] 2899
15.4.42 32E1:2A Status of additional datum 1 [2.2: Word 0] 2900
15.4.43 32E1:2B Status of additional datum 2 [2.2: Word 1] 2900
15.4.44 32E1:2C Status of additional functions [2.2: Word 2] 2900
15.4.45 32E1:2D Acceleration [2.2: Word 3] 2901
15.4.46 32E1:2E Scaling function for temperature [2.2: Word 4] 2901
15.4.47 32E1:2F Diagnostic status [2.2: Word 5] 2901
15.4.48 32E1:30 Support of error message 2 [2.2: Word 6] 2902
15.4.49 32E1:31 Forced sampling status [2.2: Word 7,8] 2902
15.4.50 32E1:32 Measuring steps per rev for position value 2 [2.2: Word 9,10] 2902
15.4.51 32E1:33 Accuracy of position value 2 area I [2.2: Word 11,12] 2903
15.4.52 32E1:34 Accuracy of position value 2 area II [2.2: Word 13,14] 2903
15.4.53 32E1:35 Number of distinguishable revolutions for position value 2 [2.2: Word 15] 2903
15.4.54 32E1:36 Direction of rotation of position value 2 [2.2: Word 16] 2904
15.4.55 32E1:37 Encoder identification 0 [2.2: Word 17] 2904
15.4.56 32E1:38 Encoder identification 1 [2.2: Word 18] 2904
15.4.57 32E1:39 Encoder identification 2 [2.2: Word 19] 2905
15.4.58 32E1:3A Encoder identification 3 [2.2: Word 20] 2905
15.4.59 32E1:3B Support of instructions [2.2: Word 21] 2905
15.4.60 32E1:3C Max permissible encoder temperature [2.2: Word 22] 2906
15.4.61 32E1:3D Max permissible acceleration [2.2: Word 23] 2906
15.4.62 32E1:3E Number of blocks for memory area section 2 [2.2: Word 24] 2906
15.4.63 32E1:3F Max clock frequency [2.2: Word 25] 2907
15.4.64 32E1:40 Number of bits for position comparison [2.2: Word 26] 2907
15.4.65 32E1:41 Scaling factor for resolution [2.2: Word 27] 2907
15.4.66 32E1:42 Measuring steps per revolution EnDat22 [2.2: Word 28,29] 2908
15.4.67 32E1:43 Max rpm for constant code value [2.2: Word 30] 2908
15.4.68 32E1:44 Offset between pos value and pos value 2 0 [2.2: Word 31] 2908
15.4.69 32E1:45 Offset between pos value and pos value 2 1 [2.2: Word 32] 2909
15.4.70 32E1:46 Offset between pos value and pos value 2 2 [2.2: Word 33] 2909
15.4.71 32E1:47 Number of distinguishable revolutions with scaling factor [2.2: Word 34] 2909
15.4.72 32E1:48 Support of operating status error sources [2.2: Word 35] 2910
15.4.73 32E1:49 Safety relevant measuring steps 0 [2.2: Word 36] 2910
15.4.74 32E1:4A Safety relevant measuring steps 1 [2.2: Word 37] 2910
15.4.75 32E1:4B Safety relevant measuring steps 2 [2.2: Word 38] 2911
15.4.76 32E1:4C Non safety relevant subdivision of the relative position 0 [2.2: Word 39] 2911
15.4.77 32E1:4D Non safety relevant subdivision of the relative position 1 [2.2: Word 40] 2911
15.4.78 32E1:4E Non safety relevant subdivision of the absolute position 0 [2.2: Word 41] 2912
15.4.79 32E1:4F Non safety relevant subdivision of the absolute position 1 [2.2: Word 42] 2912
15.4.80 32E1:50 Generation of a warning message through limit position signals [2.2: Word 43] 2912

15.4.81 32E1:51 Support of touch probe statuses [2.2: Word 44] 2913
15.4.82 32E1:52 Timestamp unit of measure [2.2: Word 45] 2913
15.4.83 32E1:53 Referencing of incremental encoders [2.2: Word 46] 2913
15.4.84 32E1:54 Support of IOs [2.2: Word 47] 2914
15.4.85 32E1:55 Assigned [2.2: Word 48] 2914
15.4.86 32E1:56 EnDat2.2 rsvd 0 [2.2: Word 49] 2914
15.4.87 32E1:57 EnDat2.2 rsvd 1 [2.2: Word 50] 2915
15.4.88 32E1:58 EnDat2.2 rsvd 2 [2.2: Word 51] 2915
15.4.89 32E1:59 EnDat2.2 rsvd 3 [2.2: Word 52] 2915
15.4.90 32E1:5A EnDat2.2 rsvd 4 [2.2: Word 53] 2916
15.4.91 32E1:5B EnDat2.2 rsvd 5 [2.2: Word 54] 2916
15.4.92 32E1:5C EnDat2.2 rsvd 6 [2.2: Word 55] 2916
15.4.93 32E1:5D EnDat2.2 rsvd 7 [2.2: Word 56] 2917
15.4.94 32E1:5E EnDat2.2 rsvd 8 [2.2: Word 57] 2917
15.4.95 32E1:5F EnDat2.2 rsvd 9 [2.2: Word 58] 2917
15.4.96 32E1:60 EnDat2.2 rsvd 10 [2.2: Word 59] 2918
15.4.97 32E1:61 EnDat2.2 rsvd 11 [2.2: Word 60] 2918
15.4.98 32E1:62 EnDat2.2 rsvd 12 [2.2: Word 61] 2918
15.4.99 32E1:63 EnDat2.2 rsvd 13 [2.2: Word 62] 2919
15.4.10 32E1:64 Checksum EnDat2.2 [2.2: Word 63] 2919
0
15.4.10 32E1:65 Operating status word 0 (errors) after power up 2919
1
15.4.10 32E1:66 Operating status word 1 (warnings) after power up 2920
2
15.4.10 32E1:67 Operating status word 2 (Write-Protected Status) after power up 2920
3
15.4.10 32E1:68 Operating status word 3 (Function init) after power up 2920
4
15.4.10 32E1:69 Operating status error sources after power up (EnDat 2.2) 2921
5
15.4.10 32E1:6A rsvd 2921
6
15.4.10 32E1:6B Datum shift 0 [Operating Parameter: Word 0] 2921
7
15.4.10 32E1:6C Datum shift 1 [Operating Parameter: Word 1] 2922
8
15.4.10 32E1:6D Datum shift 2 [Operating Parameter: Word 2] 2922
9
15.4.11 32E1:6E Diagnostics configuration [Operating Parameter: Word 3] 2922
0
15.4.11 32E1:6F Address assignment [Operating Parameter: Word 4] 2922
1
15.4.11 32E1:70 Instruction [Operating Parameter: Word 5] 2923
2
15.4.11 32E1:71 Temperature warning threshold [Operating Parameter: Word 6] 2923
3
15.4.11 32E1:72 Cycle time 0 [Operating Parameter: Word 7] 2923
4
15.4.11 32E1:73 Cycle time 1 [Operating Parameter: Word 8] 2924
5

15.4.11 32E1:74 OpPara rsvd 9 [Operating Parameter: Word 9] 2924
6
15.4.11 32E1:75 OpPara rsvd 10 [Operating Parameter: Word 10] 2924
7
15.4.11 32E1:76 OpPara rsvd 11 [Operating Parameter: Word 11] 2925
8
15.4.11 32E1:77 OpPara rsvd 12 [Operating Parameter: Word 12] 2925
9
15.4.12 32E1:78 OpPara rsvd 13 [Operating Parameter: Word 13] 2925
0
15.4.12 32E1:79 OpPara rsvd 14 [Operating Parameter: Word 14] 2926
1
15.4.12 32E1:7A OpPara rsvd 15 [Operating Parameter: Word 15] 2926
2
15.4.12 32E1:7B Total calculation and transfer time 2926
3
15.4.12 32E1:7C Position sample point shift relative to the sync signal 2927
4
15.5 32E2:x [SL] EnDat 2.2 Rotary encoder status 2928
15.5.1 32E2:01 Add1 Position value 2 status 2928
15.5.2 32E2:02 Add1 Position value 2 2928
15.5.3 32E2:03 Add1 Test values status 2929
15.5.4 32E2:04 Add1 Test values 2929
15.5.5 32E2:05 Add1 Temperature sensor internal status 2929
15.5.6 32E2:06 Add1 Temperature sensor internal 2930
15.5.7 32E2:07 Add1 Temperature sensor external status 2930
15.5.8 32E2:08 Add1 Temperature sensor external 2931
15.5.9 32E2:09 Add1 Additional sensors status 2931
15.5.10 32E2:0A Add1 Additional sensors 2931
15.5.11 32E2:0B Add2 Commutation status 2932
15.5.12 32E2:0C Add2 Commutation 2932
15.5.13 32E2:0D Add2 Acceleration status 2932
15.5.14 32E2:0E Add2 Acceleration 2933
15.5.15 32E2:0F Add2 Limit position signals status 2933
15.5.16 32E2:10 Add2 Limit position signals 2934
15.5.17 32E2:11 Add2 Asynchronous position value status 2934
15.5.18 32E2:12 Add2 Asynchronous position value 2934
15.5.19 32E2:13 Add2 Operating status error sources status 2935
15.5.20 32E2:14 Add2 Operating status error sources 2935
15.5.21 32E2:15 Add2 Position value 2 status 2935
15.5.22 32E2:16 Add2 Position value 2 2936
15.5.23 32E2:17 Add2 Timestamp status 2936
15.5.24 32E2:18 Add2 Timestamp 2937
15.5.25 32E2:19 Encoder status update counter 2937
15.5.26 32E2:1A Parameter access error counter 2937
15.5.27 32E2:1B Ring buffer cycle count 2937
15.6 32E3:x [SL] EnDat 2.2 Rotary temperature sensors 2939
15.6.1 32E3:01 EnDat22 encoder connected sensor data state 2939

15.6.2 32E3:02 EnDat22 encoder connected sensor temperature 2939
15.6.3 32E3:03 Drive connected sensor data state 2940
15.6.4 32E3:04 Drive connected sensor resistance 2940
15.7 32E4:x [SL] EnDat 2.2 Rotary electronic data sheet 2941
15.7.1 32E4:01 Data state 2941
15.7.2 32E4:02 Electronic data sheet 2941
15.8 32E5:x [SL] EnDat 2.2 Rotary position offset data 2943
15.8.1 32E5:01 Data state 2943
15.8.2 32E5:02 Position offset 2943
15.9 32E6:x [SL] EnDat 2.2 Rotary user data 2945
15.9.1 32E6:01 Data state 2945
15.9.2 32E6:02 User data 2945
15.10 32E7:x [SL] EnDat 2.2 Rotary commutation offset data 2947
15.10.1 32E7:01 Data state 2947
15.10.2 32E7:02 Commutation offset 2947
15.11 32E8:x [SL] EnDat 2.2 Rotary direct encoder access 2949
15.11.1 32E8:01 Command 2949
15.11.2 32E8:02 Status 2949
15.11.3 32E8:03 Response 2952
15.12 32EA:x [SL] EnDat 2.2 Rotary save user data 2953
15.12.1 32EA:01 Command 2953
15.12.2 32EA:02 Status 2953
15.12.3 32EA:03 Response 2956
15.13 32EB:x [SL] EnDat 2.2 Rotary save commutation offset 2957
15.13.1 32EB:01 Command 2957
15.13.2 32EB:02 Status 2957
15.13.3 32EB:03 Response 2960
15.14 32EC:x [SL] EnDat 2.2 Rotary scan connected encoder 2961
15.14.1 32EC:01 Command 2961
15.14.2 32EC:02 Status 2961
15.14.3 32EC:03 Response 2964
15.15 32EF:x [SL] EnDat 2.2 Rotary encoder parameter 2965
15.15.1 32EF:01 Connector 2965
15.15.2 32EF:02 Power supply 2965
15.15.3 32EF:03 Measuring steps per revolution policy 2966
15.15.4 32EF:04 Measuring steps per revolution 2966
15.15.5 32EF:05 Number of distinguishable revolutions policy 2966
15.15.6 32EF:06 Number of distinguishable revolutions 2967
15.15.7 32EF:07 Oversampling 2967
15.15.8 32EF:08 Trace level 2968
15.15.9 32EF:09 Settings 2968
15.15.10 32EF:0A Position sample point timing 2968
15.15.11 32EF:0B Diagnostics configuration 2969
15.16 32F0:x [SL] EnDat 2.2 Rotary cogging compensation data 2970
15.16.1 32F0:01 Data state 2970

15.16.2 32F0:02 Compensation data 2970

16 Objects of module EnDat 2.2 Linear 2972

16.1 1A00:x [SL] EnDat 2.2 Linear Inputs 2972

16.2 1AE0:x [SL] EnDat 2.2 Linear Dynamic Inputs 2973

16.3 32E0:x [SL] EnDat 2.2 Linear actual values 2974

16.3.1 32E0:01 Position 2974

16.3.2 32E0:02 Raw position 2974

16.3.3 32E0:03 rsvd1 2975

16.3.4 32E0:04 Status 2975

16.3.5 32E0:05 rsvd2 2975

16.3.6 32E0:06 Valid 2976

16.3.7 32E0:07 Internal scaled position 2976

16.3.8 32E0:08 Valuation data raw 2976

16.3.9 32E0:09 Valuation addr 1 2977

16.3.10 32E0:0A Valuation addr 2 2977

16.3.11 32E0:0B Valuation addr 3 2977

16.3.12 32E0:0C Valuation addr 4 2978

16.3.13 32E0:0D Valuation addr 5 2978

16.3.14 32E0:0E Valuation addr 6 2978

16.3.15 32E0:0F Valuation addr 7 2979

16.3.16 32E0:10 Valuation addr 8 2979

16.3.17 32E0:11 Mounting parameter 8 2979

16.3.18 32E0:12 Mounting parameter 9 2980

16.3.19 32E0:13 Mounting parameter 10 2980

16.3.20 32E0:14 Mounting parameter 11 2980

16.4 32E1:x [SL] EnDat 2.2 Linear encoder info 2982

16.4.1 32E1:01 Interface 2982

16.4.2 32E1:02 IpCore Ident 2982

16.4.3 32E1:03 Mask 0 [2.1: Word 4] 2983

16.4.4 32E1:04 Mask 1 [2.1: Word 5] 2983

16.4.5 32E1:05 Mask 2 [2.1: Word 6] 2983

16.4.6 32E1:06 Mask 3 [2.1: Word 7] 2984

16.4.7 32E1:07 Version of the EnDat interface [2.1: Word 8] 2984

16.4.8 32E1:08 Memory allocation for parameters of the OEM [2.1: Word 9,10] 2984

16.4.9 32E1:09 Memory allocation for compensation values [2.1: Word 11,12] 2985

16.4.10 32E1:0A Number of clocks for position value [2.1: Word 13] 2985

16.4.11 32E1:0B Encoder type [2.1: Word 14] 2985

16.4.12 32E1:0C Signal period length [2.1: Word 15,16] 2986

16.4.13 32E1:0D EnDat parameter word 17 rotary only [2.1: Word 17] 2986

16.4.14 32E1:0E Increment of reference marks [2.1: Word 18] 2986

16.4.15 32E1:0F Position of the first reference mark [2.1: Word 19] 2987

16.4.16 32E1:10 Measuring step length [2.1: Word 20,21] 2987

16.4.17 32E1:11 Datum shift [2.1: Word 22,23] 2987

16.4.18 32E1:12 ID number 0 [2.1: Word 24] 2988

16.4.19 32E1:13 ID number 1 [2.1: Word 25] 2988

16.4.20 32E1:14 ID number 2 [2.1: Word 26] 2988

16.4.21 32E1:15 Serial number 0 [2.1: Word 27] 2989
16.4.22 32E1:16 Serial number 1 [2.1: Word 28] 2989
16.4.23 32E1:17 Serial number 2 [2.1: Word 29] 2989
16.4.24 32E1:18 Direction of traverse [2.1: Word 30] 2990
16.4.25 32E1:19 Status of commissioning diagnostics [2.1: Word 31] 2990
16.4.26 32E1:1A Maximum mechanically permissible linear velocity [2.1: Word 32] 2990
16.4.27 32E1:1B Accuracy depending on linear velocity range 1 [2.1: Word 33] 2991
16.4.28 32E1:1C Accuracy depending on linear velocity range 2 [2.1: Word 34] 2991
16.4.29 32E1:1D Support of error messages 1 [2.1: Word 35] 2991
16.4.30 32E1:1E Support of warnings [2.1: Word 36] 2992
16.4.31 32E1:1F EnDat command set [2.1: Word 37] 2992
16.4.32 32E1:20 Measuring length [2.1: Word 38] 2992
16.4.33 32E1:21 Max calc time for position value [2.1: Word 39] 2993
16.4.34 32E1:22 EnDat ordering designation [2.1: Word 40] 2993
16.4.35 32E1:23 OEM specific data 0 [2.1: Word 41] 2993
16.4.36 32E1:24 OEM specific data 1 [2.1: Word 42] 2994
16.4.37 32E1:25 OEM specific data 2 [2.1: Word 43] 2994
16.4.38 32E1:26 OEM specific data 3 [2.1: Word 44] 2994
16.4.39 32E1:27 OEM specific data 4 [2.1: Word 45] 2995
16.4.40 32E1:28 OEM specific data 5 [2.1: Word 46] 2995
16.4.41 32E1:29 Checksum [2.1: Word 47] 2995
16.4.42 32E1:2A Status of additional datum 1 [2.2: Word 0] 2996
16.4.43 32E1:2B Status of additional datum 2 [2.2: Word 1] 2996
16.4.44 32E1:2C Status of additional functions [2.2: Word 2] 2996
16.4.45 32E1:2D Acceleration [2.2: Word 3] 2997
16.4.46 32E1:2E Scaling function for temperature [2.2: Word 4] 2997
16.4.47 32E1:2F Diagnostic status [2.2: Word 5] 2997
16.4.48 32E1:30 Support of error message 2 [2.2: Word 6] 2998
16.4.49 32E1:31 Forced sampling status [2.2: Word 7,8] 2998
16.4.50 32E1:32 Measuring step for position value 2 [2.2: Word 9,10] 2998
16.4.51 32E1:33 Accuracy of position value 2 range 1 [2.2: Word 11,12] 2999
16.4.52 32E1:34 Accuracy of position value 2 range 2 [2.2: Word 13,14] 2999
16.4.53 32E1:35 EnDat 22 parameter word 15 rotary only [2.2: Word 15] 2999
16.4.54 32E1:36 Direction of traverse of position value 2 [2.2: Word 16] 3000
16.4.55 32E1:37 Encoder identification 0 [2.2: Word 17] 3000
16.4.56 32E1:38 Encoder identification 1 [2.2: Word 18] 3000
16.4.57 32E1:39 Encoder identification 2 [2.2: Word 19] 3001
16.4.58 32E1:3A Encoder identification 3 [2.2: Word 20] 3001
16.4.59 32E1:3B Support of instructions [2.2: Word 21] 3001
16.4.60 32E1:3C Max permissible encoder temperature [2.2: Word 22] 3002
16.4.61 32E1:3D Max permissible acceleration [2.2: Word 23] 3002
16.4.62 32E1:3E Number of blocks for memory area section 2 [2.2: Word 24] 3002
16.4.63 32E1:3F Max clock frequency [2.2: Word 25] 3003
16.4.64 32E1:40 Number of bits for position comparison [2.2: Word 26] 3003
16.4.65 32E1:41 Scaling factor for resolution [2.2: Word 27] 3003
16.4.66 32E1:42 Measuring step EnDat22 [2.2: Word 28,29] 3004
16.4.67 32E1:43 Max speed for constant code value [2.2: Word 30] 3004

16.4.68 32E1:44 Offset between pos value and pos value 2 0 [2.2: Word 31] 3004
16.4.69 32E1:45 Offset between pos value and pos value 2 1 [2.2: Word 32] 3005
16.4.70 32E1:46 Offset between pos value and pos value 2 2 [2.2: Word 33] 3005
16.4.71 32E1:47 EnDat parameter word 34 rotary only [2.2: Word 34] 3005
16.4.72 32E1:48 Support of operating status error sources [2.2: Word 35] 3006
16.4.73 32E1:49 Safety relevant measuring steps 0 [2.2: Word 36] 3006
16.4.74 32E1:4A Safety relevant measuring steps 1 [2.2: Word 37] 3006
16.4.75 32E1:4B Safety relevant measuring steps 2 [2.2: Word 38] 3007
16.4.76 32E1:4C Non safety relevant subdivision of the relative position 0 [2.2: Word 39] 3007
16.4.77 32E1:4D Non safety relevant subdivision of the relative position 1 [2.2: Word 40] 3007
16.4.78 32E1:4E Non safety relevant subdivision of the absolute position 0 [2.2: Word 41] 3008
16.4.79 32E1:4F Non safety relevant subdivision of the absolute position 1 [2.2: Word 42] 3008
16.4.80 32E1:50 Generation of a warning message through limit position signals [2.2: Word 43] 3008
16.4.81 32E1:51 Support of touch probe statuses [2.2: Word 44] 3009
16.4.82 32E1:52 Timestamp unit of measure [2.2: Word 45] 3009
16.4.83 32E1:53 Referencing of incremental encoders [2.2: Word 46] 3009
16.4.84 32E1:54 Support of IOs [2.2: Word 47] 3010
16.4.85 32E1:55 Assigned [2.2: Word 48] 3010
16.4.86 32E1:56 EnDat2.2 rsvd 0 [2.2: Word 49] 3010
16.4.87 32E1:57 EnDat2.2 rsvd 1 [2.2: Word 50] 3011
16.4.88 32E1:58 EnDat2.2 rsvd 2 [2.2: Word 51] 3011
16.4.89 32E1:59 EnDat2.2 rsvd 3 [2.2: Word 52] 3011
16.4.90 32E1:5A EnDat2.2 rsvd 4 [2.2: Word 53] 3012
16.4.91 32E1:5B EnDat2.2 rsvd 5 [2.2: Word 54] 3012
16.4.92 32E1:5C EnDat2.2 rsvd 6 [2.2: Word 55] 3012
16.4.93 32E1:5D EnDat2.2 rsvd 7 [2.2: Word 56] 3013
16.4.94 32E1:5E EnDat2.2 rsvd 8 [2.2: Word 57] 3013
16.4.95 32E1:5F EnDat2.2 rsvd 9 [2.2: Word 58] 3013
16.4.96 32E1:60 EnDat2.2 rsvd 10 [2.2: Word 59] 3014
16.4.97 32E1:61 EnDat2.2 rsvd 11 [2.2: Word 60] 3014
16.4.98 32E1:62 EnDat2.2 rsvd 12 [2.2: Word 61] 3014
16.4.99 32E1:63 EnDat2.2 rsvd 13 [2.2: Word 62] 3015
16.4.10 32E1:64 Checksum EnDat2.2 [2.2: Word 63] 3015
0
16.4.10 32E1:65 Operating status word 0 (errors) after power up 3015
1
16.4.10 32E1:66 Operating status word 1 (warnings) after power up 3016
2
16.4.10 32E1:67 Operating status word 2 (Write-Protected Status) after power up 3016
3
16.4.10 32E1:68 Operating status word 3 (Function init) after power up 3016
4
16.4.10 32E1:69 Operating status error sources after power up (EnDat 2.2) 3017
5
16.4.10 32E1:6A rsvd 3017
6
16.4.10 32E1:6B Datum shift 0 [Operating Parameter: Word 0] 3017
7

16.4.10 32E1:6C Datum shift 1 [Operating Parameter: Word 1] 3018
8
16.4.10 32E1:6D Datum shift 2 [Operating Parameter: Word 2] 3018
9
16.4.11 32E1:6E Diagnostics configuration [Operating Parameter: Word 3] 3018
0
16.4.11 32E1:6F Address assignment [Operating Parameter: Word 4] 3018
1
16.4.11 32E1:70 Instruction [Operating Parameter: Word 5] 3019
2
16.4.11 32E1:71 Temperature warning threshold [Operating Parameter: Word 6] 3019
3
16.4.11 32E1:72 Cycle time 0 [Operating Parameter: Word 7] 3019
4
16.4.11 32E1:73 Cycle time 1 [Operating Parameter: Word 8] 3020
5
16.4.11 32E1:74 OpPara rsvd 9 [Operating Parameter: Word 9] 3020
6
16.4.11 32E1:75 OpPara rsvd 10 [Operating Parameter: Word 10] 3020
7
16.4.11 32E1:76 OpPara rsvd 11 [Operating Parameter: Word 11] 3021
8
16.4.11 32E1:77 OpPara rsvd 12 [Operating Parameter: Word 12] 3021
9
16.4.12 32E1:78 OpPara rsvd 13 [Operating Parameter: Word 13] 3021
0
16.4.12 32E1:79 OpPara rsvd 14 [Operating Parameter: Word 14] 3022
1
16.4.12 32E1:7A OpPara rsvd 15 [Operating Parameter: Word 15] 3022
2
16.4.12 32E1:7B Total calculation and transfer time 3022
3
16.4.12 32E1:7C Position sample point shift relative to the sync signal 3023
4
16.5 32E2:x [SL] EnDat 2.2 Linear encoder status 3024
16.5.1 32E2:01 Add1 Position value 2 status 3024
16.5.2 32E2:02 Add1 Position value 2 3024
16.5.3 32E2:03 Add1 Test values status 3025
16.5.4 32E2:04 Add1 Test values 3025
16.5.5 32E2:05 Add1 Temperature sensor internal status 3025
16.5.6 32E2:06 Add1 Temperature sensor internal 3026
16.5.7 32E2:07 Add1 Temperature sensor external status 3026
16.5.8 32E2:08 Add1 Temperature sensor external 3027
16.5.9 32E2:09 Add1 Additional sensors status 3027
16.5.10 32E2:0A Add1 Additional sensors 3027
16.5.11 32E2:0B Add2 Commutation status 3028
16.5.12 32E2:0C Add2 Commutation 3028
16.5.13 32E2:0D Add2 Acceleration status 3028
16.5.14 32E2:0E Add2 Acceleration 3029
16.5.15 32E2:0F Add2 Limit position signals status 3029
16.5.16 32E2:10 Add2 Limit position signals 3030

16.5.17 32E2:11 Add2 Asynchronous position value status 3030
16.5.18 32E2:12 Add2 Asynchronous position value 3030
16.5.19 32E2:13 Add2 Operating status error sources status 3031
16.5.20 32E2:14 Add2 Operating status error sources 3031
16.5.21 32E2:15 Add2 Position value 2 status 3031
16.5.22 32E2:16 Add2 Position value 2 3032
16.5.23 32E2:17 Add2 Timestamp status 3032
16.5.24 32E2:18 Add2 Timestamp 3033
16.5.25 32E2:19 Encoder status update counter 3033
16.5.26 32E2:1A Parameter access error counter 3033
16.5.27 32E2:1B Ring buffer cycle count 3033
16.6 32E3:x [SL] EnDat 2.2 Linear temperature sensors 3035
16.6.1 32E3:01 EnDat22 encoder connected sensor data state 3035
16.6.2 32E3:02 EnDat22 encoder connected sensor temperature 3035
16.6.3 32E3:03 Drive connected sensor data state 3036
16.6.4 32E3:04 Drive connected sensor resistance 3036
16.7 32E4:x [SL] EnDat 2.2 Linear electronic data sheet 3037
16.7.1 32E4:01 Data state 3037
16.7.2 32E4:02 Electronic data sheet 3037
16.8 32E5:x [SL] EnDat 2.2 Linear position offset data 3039
16.8.1 32E5:01 Data state 3039
16.8.2 32E5:02 Position offset 3039
16.9 32E6:x [SL] EnDat 2.2 Linear user data 3041
16.9.1 32E6:01 Data state 3041
16.9.2 32E6:02 User data 3041
16.10 32E7:x [SL] EnDat 2.2 Linear commutation offset data 3043
16.10.1 32E7:01 Data state 3043
16.10.2 32E7:02 Commutation offset 3043
16.11 32E8:x [SL] EnDat 2.2 Linear direct encoder access 3045
16.11.1 32E8:01 Command 3045
16.11.2 32E8:02 Status 3045
16.11.3 32E8:03 Response 3048
16.12 32EA:x [SL] EnDat 2.2 Linear save user data 3049
16.12.1 32EA:01 Command 3049
16.12.2 32EA:02 Status 3049
16.12.3 32EA:03 Response 3052
16.13 32EB:x [SL] EnDat 2.2 Linear save commutation offset 3053
16.13.1 32EB:01 Command 3053
16.13.2 32EB:02 Status 3053
16.13.3 32EB:03 Response 3056
16.14 32EC:x [SL] EnDat 2.2 Linear scan connected encoder 3057
16.14.1 32EC:01 Command 3057
16.14.2 32EC:02 Status 3057
16.14.3 32EC:03 Response 3060
16.15 32EF:x [SL] EnDat 2.2 Linear encoder parameter 3061
16.15.1 32EF:01 Connector 3061

16.15.2 32EF:02 Power supply 3061
16.15.3 32EF:03 Measuring step length policy 3062
16.15.4 32EF:04 Measuring step length 3062
16.15.5 32EF:05 Measuring step length divisor 3062
16.15.6 32EF:06 Measuring length policy 3063
16.15.7 32EF:07 Measuring length 3063
16.15.8 32EF:08 Oversampling 3063
16.15.9 32EF:09 Trace level 3064
16.15.10 32EF:0A Settings 3064
16.15.11 32EF:0B Position sample point timing 3065
16.15.12 32EF:0C Diagnostics configuration 3065

17 Objects of module EnDat 3 Rotary 3066
17.1 1A00:x [SL] EnDat 3 Rotary Inputs 3066
17.2 1AE0:x [SL] EnDat 3 Rotary Dynamic Inputs 3067
17.3 32E0:x [SL] EnDat 3 Rotary actual values 3068
17.3.1 32E0:01 Position 3068
17.3.2 32E0:02 Raw position 3068
17.3.3 32E0:03 rsvd1 3068
17.3.4 32E0:04 Status 3069
17.3.5 32E0:05 rsvd2 3069
17.3.6 32E0:06 Valid 3069
17.3.7 32E0:07 Internal scaled position 3070
17.4 32E1:x [SL] EnDat 3 Rotary master info 3071
17.4.1 32E1:01 InterfaceIdent 3071
17.4.2 32E1:02 IpCore version info 3071
17.4.3 32E1:03 IpCore instantiation info 3071
17.5 32E2:x [SL] EnDat 3 Rotary slave memory EL 3073
17.5.1 32E2:01 Selected slave address 3073
17.5.2 32E2:02 EL cs 3073
17.5.3 32E2:03 EL elSize 3073
17.5.4 32E2:04 EL xelSize 3074
17.5.5 32E2:05 EL setSize 3074
17.5.6 32E2:06 EL xsetSize 3074
17.5.7 32E2:07 EL lpfsetSize 3075
17.5.8 32E2:08 EL oem1Size 3075
17.5.9 32E2:09 EL oem2Size 3075
17.5.10 32E2:0A EL oem3Size 3076
17.5.11 32E2:0B EL sensorSize 3076
17.5.12 32E2:0C EL lpfliveSize 3076
17.5.13 32E2:0D EL orderDesignation 3077
17.5.14 32E2:0E EL xType 3077
17.5.15 32E2:0F EL manufacturer 3077
17.5.16 32E2:10 EL deviceName 3078
17.5.17 32E2:11 EL deviceIdent 3078

17.5.18 32E2:12 EL deviceSerial ... 3078
17.5.19 32E2:13 EL phyDatarate ... 3079
17.5.20 32E2:14 EL timeUnitWrite ... 3079
17.5.21 32E2:15 EL protocolFeatures ... 3079
17.5.22 32E2:16 EL supportHpf ... 3079
17.5.23 32E2:17 EL memEndurance ... 3080
17.5.24 32E2:18 EL faultId 0 ... 3080
17.5.25 32E2:19 EL faultId 1 ... 3080
17.5.26 32E2:1A EL faultId 2 ... 3081
17.5.27 32E2:1B EL faultId 3 ... 3081
17.5.28 32E2:1C EL warnId 0 ... 3081
17.5.29 32E2:1D EL warnId 1 ... 3082
17.5.30 32E2:1E EL warnId 2 ... 3082
17.5.31 32E2:1F EL warnId 3 ... 3082
17.6 32E3:x [SL] EnDat 3 Rotary slave memory XEL ... 3083
17.6.1 32E3:01 Selected slave address ... 3083
17.6.2 32E3:02 XEL cs ... 3083
17.6.3 32E3:03 XEL timeHPFout 0 ... 3083
17.6.4 32E3:04 XEL timeHPFout 1 ... 3084
17.6.5 32E3:05 XEL timeHPFout 2 ... 3084
17.6.6 32E3:06 XEL timeHPFout 3 ... 3084
17.6.7 32E3:07 XEL timeHPFout 4 ... 3085
17.6.8 32E3:08 XEL timeHPFout 5 ... 3085
17.6.9 32E3:09 XEL timeHPFout 6 ... 3085
17.6.10 32E3:0A XEL timeHPFout 7 ... 3086
17.6.11 32E3:0B XEL encoderType ... 3086
17.6.12 32E3:0C XEL deviceFeature ... 3086
17.6.13 32E3:0D XEL formatPos1Abs ... 3087
17.6.14 32E3:0E XEL formatPos2 ... 3087
17.6.15 32E3:0F XEL measLength ... 3087
17.6.16 32E3:10 XEL analogSignalPeriod ... 3088
17.6.17 32E3:11 XEL refMarkDelta ... 3088
17.6.18 32E3:12 XEL Aux ... 3088
17.6.19 32E3:13 XEL maxSpeedMech ... 3088
17.6.20 32E3:14 XEL maxSpeedData ... 3089
17.6.21 32E3:15 XEL maxTempMech ... 3089
17.6.22 32E3:16 XEL fidMountAddresses ... 3089
17.6.23 32E3:17 XEL fidEvalnumSupport ... 3090
17.6.24 32E3:18 XEL safetyBits ... 3090
17.6.25 32E3:19 XEL lowerLimitPos ... 3090
17.6.26 32E3:1A XEL upperLimitPos ... 3091
17.6.27 32E3:1B XEL offsetPosFS ... 3091
17.6.28 32E3:1C XEL numSafePosBits ... 3091
17.6.29 32E3:1D XEL safetyCsPos1 ... 3092
17.6.30 32E3:1E XEL deviceSpecific ... 3092
17.7 32E4:x [SL] EnDat 3 Rotary slave memory SENSORS ... 3093

17.7.1 32E4:01 Selected slave address ... 3093
17.7.2 32E4:02 support 0 ... 3093
17.7.3 32E4:03 support 1 ... 3093
17.7.4 32E4:04 support 2 ... 3094
17.7.5 32E4:05 support 3 ... 3094
17.7.6 32E4:06 support 4 ... 3094
17.7.7 32E4:07 support 5 ... 3095
17.7.8 32E4:08 support 6 ... 3095
17.7.9 32E4:09 support 7 ... 3095
17.7.10 32E4:0A support 8 ... 3096
17.7.11 32E4:0B support 9 ... 3096
17.7.12 32E4:0C support 10 ... 3096
17.7.13 32E4:0D support 11 ... 3097
17.7.14 32E4:0E support 12 ... 3097
17.7.15 32E4:0F support 13 ... 3097
17.7.16 32E4:10 support 14 ... 3097
17.7.17 32E4:11 support 15 ... 3098
17.8 32E5:x [SL] EnDat 3 Rotary slave memory SET ... 3099
17.8.1 32E5:01 Selected slave address ... 3099
17.8.2 32E5:02 cs ... 3099
17.8.3 32E5:03 sel Hpf ... 3099
17.8.4 32E5:04 bus Address ... 3100
17.8.5 32E5:05 axis Address ... 3100
17.8.6 32E5:06 fds Safety Info En ... 3100
17.8.7 32E5:07 fds Init Cnt ... 3101
17.8.8 32E5:08 fds Repeat Cnt ... 3101
17.8.9 32E5:09 format Sensor 0 ... 3101
17.8.10 32E5:0A format Sensor 1 ... 3102
17.8.11 32E5:0B format Sensor 2 ... 3102
17.8.12 32E5:0C format Sensor 3 ... 3102
17.8.13 32E5:0D format Sensor 4 ... 3103
17.8.14 32E5:0E format Sensor 5 ... 3103
17.8.15 32E5:0F format Sensor 6 ... 3103
17.8.16 32E5:10 format Sensor 7 ... 3103
17.8.17 32E5:11 format Sensor 8 ... 3104
17.8.18 32E5:12 format Sensor 9 ... 3104
17.8.19 32E5:13 format Sensor 10 ... 3104
17.8.20 32E5:14 format Sensor 11 ... 3105
17.8.21 32E5:15 format Sensor 12 ... 3105
17.8.22 32E5:16 format Sensor 13 ... 3105
17.8.23 32E5:17 format Sensor 14 ... 3106
17.8.24 32E5:18 format Sensor 15 ... 3106
17.8.25 32E5:19 actual Sensor 0 ... 3106
17.8.26 32E5:1A actual Sensor 1 ... 3107
17.8.27 32E5:1B actual Sensor 2 ... 3107
17.8.28 32E5:1C actual Sensor 3 ... 3107
17.8.29 32E5:1D actual Sensor 4 ... 3107

17.8.30 32E5:1E actual Sensor 5 ... 3108
17.8.31 32E5:1F actual Sensor 6 ... 3108
17.8.32 32E5:20 actual Sensor 7 ... 3108
17.8.33 32E5:21 actual Sensor 8 ... 3109
17.8.34 32E5:22 actual Sensor 9 ... 3109
17.8.35 32E5:23 actual Sensor 10 ... 3109
17.8.36 32E5:24 actual Sensor 11 ... 3110
17.8.37 32E5:25 actual Sensor 12 ... 3110
17.8.38 32E5:26 actual Sensor 13 ... 3110
17.8.39 32E5:27 actual Sensor 14 ... 3111
17.8.40 32E5:28 actual Sensor 15 ... 3111
17.8.41 32E5:29 device Specific 0 ... 3111
17.8.42 32E5:2A device Specific 1 ... 3111
17.8.43 32E5:2B device Specific 2 ... 3112
17.8.44 32E5:2C device Specific 3 ... 3112
17.8.45 32E5:2D free to use 0 ... 3112
17.8.46 32E5:2E free to use 1 ... 3113
17.8.47 32E5:2F free to use 2 ... 3113
17.8.48 32E5:30 free to use 3 ... 3113
17.8.49 32E5:31 free to use 4 ... 3114
17.8.50 32E5:32 free to use 5 ... 3114
17.8.51 32E5:33 free to use 6 ... 3114
17.8.52 32E5:34 free to use 7 ... 3115
17.9 32E6:x [SL] EnDat 3 Rotary slave memory XSET ... 3116
17.9.1 32E6:01 Selected slave address ... 3116
17.9.2 32E6:02 cs ... 3116
17.9.3 32E6:03 offset Pos ... 3116
17.9.4 32E6:04 safety Cs ... 3117
17.9.5 32E6:05 temp Warn Level ... 3117
17.10 32E7:x [SL] EnDat 3 Rotary slave memory LPFSET ... 3118
17.10.1 32E7:01 Selected slave address ... 3118
17.10.2 32E7:02 cs ... 3118
17.10.3 32E7:03 ptr to list 1 ... 3118
17.10.4 32E7:04 ptr to list 2 ... 3119
17.10.5 32E7:05 ptr to list 3 ... 3119
17.10.6 32E7:06 ptr to list 4 ... 3119
17.10.7 32E7:07 ptr to list 5 ... 3120
17.10.8 32E7:08 ptr to list 6 ... 3120
17.10.9 32E7:09 ptr to list 7 ... 3120
17.10.10 32E7:0A xdim1 ... 3121
17.10.11 32E7:0B ydim1 minus 1 ... 3121
17.10.12 32E7:0C xdim2 ... 3121
17.10.13 32E7:0D ydim2 minus 1 ... 3122

17.10.1 32E7:0E xdim3 ... 31224
17.10.1 32E7:0F ydim3 minus 1 ... 31225
17.10.1 32E7:10 xdim4 ... 31226
17.10.1 32E7:11 ydim4 minus 1 ... 31237
17.10.1 32E7:12 xdim5 ... 31238
17.10.1 32E7:13 ydim5 minus 1 ... 31239
17.10.2 32E7:14 xdim6 ... 31240
17.10.2 32E7:15 ydim6 minus 1 ... 31241
17.10.2 32E7:16 xdim7 ... 31242
17.10.2 32E7:17 ydim7 minus 1 ... 31253
17.10.2 32E7:18 FID memory ... 31254
17.11 32E8:x [SL] EnDat 3 Rotary slave memory LPFLIVE ... 3126
17.11.1 32E8:01 Selected slave address ... 3126
17.11.2 32E8:02 cs ... 3126
17.11.3 32E8:03 ptr to list 1 ... 3126
17.11.4 32E8:04 ptr to list 2 ... 3127
17.11.5 32E8:05 ptr to list 3 ... 3127
17.11.6 32E8:06 ptr to list 4 ... 3127
17.11.7 32E8:07 ptr to list 5 ... 3128
17.11.8 32E8:08 ptr to list 6 ... 3128
17.11.9 32E8:09 ptr to list 7 ... 3128
17.11.1 32E8:0A xdim1 ... 31290
17.11.1 32E8:0B ydim1 minus 1 ... 31291
17.11.1 32E8:0C xdim2 ... 31292
17.11.1 32E8:0D ydim2 minus 1 ... 31303
17.11.1 32E8:0E xdim3 ... 31304
17.11.1 32E8:0F ydim3 minus 1 ... 31305
17.11.1 32E8:10 xdim4 ... 31306
17.11.1 32E8:11 ydim4 minus 1 ... 31317
17.11.1 32E8:12 xdim5 ... 31318
17.11.1 32E8:13 ydim5 minus 1 ... 31319

17.11.2 32E8:14 xdim6 31320
17.11.2 32E8:15 ydim6 minus 1 31321
17.11.2 32E8:16 xdim7 31322
17.11.2 32E8:17 ydim7 minus 1 31333
17.11.2 32E8:18 FID memory 31334
17.12 32E9:x [SL] EnDat 3 Rotary slave status LPF data 3134
17.12.1 32E9:01 LPF 0 bus address 3134
17.12.2 32E9:02 LPF 0 FID 3134
17.12.3 32E9:03 LPF 0 data state 3135
17.12.4 32E9:04 LPF 0 timestamp 3135
17.12.5 32E9:05 LPF 0 error counter 3136
17.12.6 32E9:06 LPF 0 data 3136
17.12.7 32E9:07 LPF 1 bus address 3136
17.12.8 32E9:08 LPF 1 FID 3137
17.12.9 32E9:09 LPF 1 data state 3137
17.12.1 32E9:0A LPF 1 timestamp 31380
17.12.1 32E9:0B LPF 1 error counter 31381
17.12.1 32E9:0C LPF 1 data 31382
17.12.1 32E9:0D LPF 2 bus address 31393
17.12.1 32E9:0E LPF 2 FID 31394
17.12.1 32E9:0F LPF 2 data state 31405
17.12.1 32E9:10 LPF 2 timestamp 31406
17.12.1 32E9:11 LPF 2 error counter 31407
17.12.1 32E9:12 LPF 2 data 31418
17.12.1 32E9:13 LPF 3 bus address 31419
17.12.2 32E9:14 LPF 3 FID 31410
17.12.2 32E9:15 LPF 3 data state 31421
17.12.2 32E9:16 LPF 3 timestamp 31422
17.12.2 32E9:17 LPF 3 error counter 31433
17.12.2 32E9:18 LPF 3 data 31434
17.12.2 32E9:19 LPF 4 bus address 31435

17.12.2 32E9:1A LPF 4 FID 3144
6
17.12.2 32E9:1B LPF 4 data state 3144
7
17.12.2 32E9:1C LPF 4 timestamp 3145
8
17.12.2 32E9:1D LPF 4 error counter 3145
9
17.12.3 32E9:1E LPF 4 data 3145
0
17.12.3 32E9:1F LPF 5 bus address 3146
1
17.12.3 32E9:20 LPF 5 FID 3146
2
17.12.3 32E9:21 LPF 5 data state 3147
3
17.12.3 32E9:22 LPF 5 timestamp 3147
4
17.12.3 32E9:23 LPF 5 error counter 3148
5
17.12.3 32E9:24 LPF 5 data 3148
6
17.12.3 32E9:25 LPF 6 bus address 3148
7
17.12.3 32E9:26 LPF 6 FID 3148
8
17.12.3 32E9:27 LPF 6 data state 3149
9
17.12.4 32E9:28 LPF 6 timestamp 3150
0
17.12.4 32E9:29 LPF 6 error counter 3150
1
17.12.4 32E9:2A LPF 6 data 3150
2
17.12.4 32E9:2B LPF 7 bus address 3151
3
17.12.4 32E9:2C LPF 7 FID 3151
4
17.12.4 32E9:2D LPF 7 data state 3152
5
17.12.4 32E9:2E LPF 7 timestamp 3152
6
17.12.4 32E9:2F LPF 7 error counter 3152
7
17.12.4 32E9:30 LPF 7 data 3153
8
17.12.4 32E9:31 LPF 8 bus address 3153
9
17.12.5 32E9:32 LPF 8 FID 3153
0
17.12.5 32E9:33 LPF 8 data state 3154
1
17.12.5 32E9:34 LPF 8 timestamp 3154
2

17.12.5 32E9:35 LPF 8 error counter 3155
3
17.12.5 32E9:36 LPF 8 data 3155
4
17.12.5 32E9:37 LPF 9 bus address 3155
5
17.12.5 32E9:38 LPF 9 FID 3156
6
17.12.5 32E9:39 LPF 9 data state 3156
7
17.12.5 32E9:3A LPF 9 timestamp 3157
8
17.12.5 32E9:3B LPF 9 error counter 3157
9
17.12.6 32E9:3C LPF 9 data 3157
0
17.12.6 32E9:3D LPF 10 bus address 3158
1
17.12.6 32E9:3E LPF 10 FID 3158
2
17.12.6 32E9:3F LPF 10 data state 3159
3
17.12.6 32E9:40 LPF 10 timestamp 3159
4
17.12.6 32E9:41 LPF 10 error counter 3159
5
17.12.6 32E9:42 LPF 10 data 3160
6
17.12.6 32E9:43 LPF 11 bus address 3160
7
17.12.6 32E9:44 LPF 11 FID 3160
8
17.12.6 32E9:45 LPF 11 data state 3161
9
17.12.7 32E9:46 LPF 11 timestamp 3162
0
17.12.7 32E9:47 LPF 11 error counter 3162
1
17.12.7 32E9:48 LPF 11 data 3162
2
17.12.7 32E9:49 LPF 12 bus address 3162
3
17.12.7 32E9:4A LPF 12 FID 3163
4
17.12.7 32E9:4B LPF 12 data state 3163
5
17.12.7 32E9:4C LPF 12 timestamp 3164
6
17.12.7 32E9:4D LPF 12 error counter 3164
7
17.12.7 32E9:4E LPF 12 data 3164
8

17.12.7 32E9:4F LPF 13 bus address ... 3165
9
17.12.8 32E9:50 LPF 13 FID ... 3165
0
17.12.8 32E9:51 LPF 13 data state ... 3166
1
17.12.8 32E9:52 LPF 13 timestamp ... 3166
2
17.12.8 32E9:53 LPF 13 error counter ... 3167
3
17.12.8 32E9:54 LPF 13 data ... 3167
4
17.12.8 32E9:55 LPF 14 bus address ... 3167
5
17.12.8 32E9:56 LPF 14 FID ... 3167
6
17.12.8 32E9:57 LPF 14 data state ... 3168
7
17.12.8 32E9:58 LPF 14 timestamp ... 3169
8
17.12.8 32E9:59 LPF 14 error counter ... 3169
9
17.12.9 32E9:5A LPF 14 data ... 3169
0
17.12.9 32E9:5B LPF 15 bus address ... 3170
1
17.12.9 32E9:5C LPF 15 FID ... 3170
2
17.12.9 32E9:5D LPF 15 data state ... 3171
3
17.12.9 32E9:5E LPF 15 timestamp ... 3171
4
17.12.9 32E9:5F LPF 15 error counter ... 3171
5
17.12.9 32E9:60 LPF 15 data ... 3172
6
17.13 32EA:x [SL] EnDat 3 Rotary temperature sensors ... 3173
17.13.1 32EA:01 EnDat3 encoder connected sensor data state ... 3173
17.13.2 32EA:02 EnDat3 encoder connected sensor temperature ... 3173
17.13.3 32EA:03 Drive connected sensor data state ... 3174
17.13.4 32EA:04 Drive connected sensor resistance ... 3174
17.14 32EB:x [SL] EnDat 3 Rotary electronic data sheet ... 3175
17.14.1 32EB:01 Selected slave address ... 3175
17.14.2 32EB:02 Data state ... 3175
17.14.3 32EB:03 Electronic data sheet ... 3176
17.15 32EC:x [SL] EnDat 3 Rotary position offset data ... 3177
17.15.1 32EC:01 Selected slave address ... 3177
17.15.2 32EC:02 Data state ... 3177
17.15.3 32EC:03 Position offset ... 3178
17.16 32ED:x [SL] EnDat 3 Rotary user data ... 3179
17.16.1 32ED:01 Selected slave address ... 3179

17.16.2 32ED:02 Data state ... 3179
17.16.3 32ED:03 User data ... 3180
17.17 32EF:x [SL] EnDat 3 Rotary commutation offset data ... 3181
17.17.1 32EF:01 Selected slave address ... 3181
17.17.2 32EF:02 Data state ... 3181
17.17.3 32EF:03 Commutation offset ... 3182
17.18 32F0:x [SL] EnDat 3 Rotary cogging compensation data ... 3183
17.18.1 32F0:01 Selected slave address ... 3183
17.18.2 32F0:02 Data state ... 3183
17.18.3 32F0:03 Compensation data ... 3184
17.19 32F1:x [SL] EnDat 3 Rotary direct encoder access ... 3185
17.19.1 32F1:01 Command ... 3185
17.19.2 32F1:02 Status ... 3185
17.19.3 32F1:03 Response ... 3188
17.20 32F3:x [SL] EnDat 3 Rotary save user data ... 3189
17.20.1 32F3:01 Command ... 3189
17.20.2 32F3:02 Status ... 3189
17.20.3 32F3:03 Response ... 3192
17.21 32F4:x [SL] EnDat 3 Rotary save commutation offset ... 3193
17.21.1 32F4:01 Command ... 3193
17.21.2 32F4:02 Status ... 3193
17.21.3 32F4:03 Response ... 3196
17.22 32F5:x [SL] EnDat 3 Rotary scan connected encoder ... 3197
17.22.1 32F5:01 Command ... 3197
17.22.2 32F5:02 Status ... 3197
17.22.3 32F5:03 Response ... 3200
17.23 32FB:x [SL] EnDat 3 Rotary additional status ... 3201
17.23.1 32FB:01 Slave line error count ... 3201
17.23.2 32FB:02 Master line error count ... 3201
17.23.3 32FB:03 Total extrapolation count ... 3201
17.24 32FC:x [SL] EnDat 3 Rotary encoder parameter ... 3203
17.24.1 32FC:01 Connector ... 3203
17.24.2 32FC:02 Measuring steps per revolution policy ... 3203
17.24.3 32FC:03 Measuring steps per revolution ... 3204
17.24.4 32FC:04 Number of distinguishable revolutions policy ... 3204
17.24.5 32FC:05 Number of distinguishable revolutions ... 3204
17.24.6 32FC:06 Trace level ... 3205
17.24.7 32FC:07 Settings ... 3205
17.24.8 32FC:08 Max position extrapolation cycles ... 3205

18 Objects of module EnDat 3 Linear ... 3207
18.1 1A00:x [SL] EnDat 3 Linear Inputs ... 3207
18.2 1AE0:x [SL] EnDat 3 Linear Dynamic Inputs ... 3208
18.3 32E0:x [SL] EnDat 3 Linear actual values ... 3209
18.3.1 32E0:01 Position ... 3209
18.3.2 32E0:02 Raw position ... 3209
18.3.3 32E0:03 rsvd1 ... 3209

18.3.4 32E0:04 Status ... 3210
18.3.5 32E0:05 rsvd2 ... 3210
18.3.6 32E0:06 Valid ... 3210
18.3.7 32E0:07 Internal scaled position ... 3211
18.4 32E1:x [SL] EnDat 3 Linear master info ... 3212
18.4.1 32E1:01 InterfaceIdent ... 3212
18.4.2 32E1:02 IpCore version info ... 3212
18.4.3 32E1:03 IpCore instantiation info ... 3212
18.5 32E2:x [SL] EnDat 3 Linear slave memory EL ... 3214
18.5.1 32E2:01 Selected slave address ... 3214
18.5.2 32E2:02 EL cs ... 3214
18.5.3 32E2:03 EL elSize ... 3214
18.5.4 32E2:04 EL xelSize ... 3215
18.5.5 32E2:05 EL setSize ... 3215
18.5.6 32E2:06 EL xsetSize ... 3215
18.5.7 32E2:07 EL lpfsetSize ... 3216
18.5.8 32E2:08 EL oem1Size ... 3216
18.5.9 32E2:09 EL oem2Size ... 3216
18.5.10 32E2:0A EL oem3Size ... 3217
18.5.11 32E2:0B EL sensorSize ... 3217
18.5.12 32E2:0C EL lpfliveSize ... 3217
18.5.13 32E2:0D EL orderDesignation ... 3218
18.5.14 32E2:0E EL xType ... 3218
18.5.15 32E2:0F EL manufacturer ... 3218
18.5.16 32E2:10 EL deviceName ... 3219
18.5.17 32E2:11 EL deviceIdent ... 3219
18.5.18 32E2:12 EL deviceSerial ... 3219
18.5.19 32E2:13 EL phyDatarate ... 3220
18.5.20 32E2:14 EL timeUnitWrite ... 3220
18.5.21 32E2:15 EL protocolFeatures ... 3220
18.5.22 32E2:16 EL supportHpf ... 3220
18.5.23 32E2:17 EL memEndurance ... 3221
18.5.24 32E2:18 EL faultId 0 ... 3221
18.5.25 32E2:19 EL faultId 1 ... 3221
18.5.26 32E2:1A EL faultId 2 ... 3222
18.5.27 32E2:1B EL faultId 3 ... 3222
18.5.28 32E2:1C EL warnId 0 ... 3222
18.5.29 32E2:1D EL warnId 1 ... 3223
18.5.30 32E2:1E EL warnId 2 ... 3223
18.5.31 32E2:1F EL warnId 3 ... 3223
18.6 32E3:x [SL] EnDat 3 Linear slave memory XEL ... 3224
18.6.1 32E3:01 Selected slave address ... 3224
18.6.2 32E3:02 XEL cs ... 3224
18.6.3 32E3:03 XEL timeHPFout 0 ... 3224
18.6.4 32E3:04 XEL timeHPFout 1 ... 3225
18.6.5 32E3:05 XEL timeHPFout 2 ... 3225
18.6.6 32E3:06 XEL timeHPFout 3 ... 3225

18.6.7 32E3:07 XEL timeHPFout 4 3226
18.6.8 32E3:08 XEL timeHPFout 5 3226
18.6.9 32E3:09 XEL timeHPFout 6 3226
18.6.10 32E3:0A XEL timeHPFout 7 3227
18.6.11 32E3:0B XEL encoderType 3227
18.6.12 32E3:0C XEL deviceFeature 3227
18.6.13 32E3:0D XEL formatPos1Abs 3228
18.6.14 32E3:0E XEL formatPos2 3228
18.6.15 32E3:0F XEL measLength 3228
18.6.16 32E3:10 XEL analogSignalPeriod 3229
18.6.17 32E3:11 XEL refMarkDelta 3229
18.6.18 32E3:12 XEL Aux 3229
18.6.19 32E3:13 XEL maxSpeedMech 3229
18.6.20 32E3:14 XEL maxSpeedData 3230
18.6.21 32E3:15 XEL maxTempMech 3230
18.6.22 32E3:16 XEL fidMountAddresses 3230
18.6.23 32E3:17 XEL fidEvalnumSupport 3231
18.6.24 32E3:18 XEL safetyBits 3231
18.6.25 32E3:19 XEL lowerLimitPos 3231
18.6.26 32E3:1A XEL upperLimitPos 3232
18.6.27 32E3:1B XEL offsetPosFS 3232
18.6.28 32E3:1C XEL numSafePosBits 3232
18.6.29 32E3:1D XEL safetyCsPos1 3233
18.6.30 32E3:1E XEL deviceSpecific 3233
18.7 32E4:x [SL] EnDat 3 Linear slave memory SENSORS 3234
18.7.1 32E4:01 Selected slave address 3234
18.7.2 32E4:02 support 0 3234
18.7.3 32E4:03 support 1 3234
18.7.4 32E4:04 support 2 3235
18.7.5 32E4:05 support 3 3235
18.7.6 32E4:06 support 4 3235
18.7.7 32E4:07 support 5 3236
18.7.8 32E4:08 support 6 3236
18.7.9 32E4:09 support 7 3236
18.7.10 32E4:0A support 8 3237
18.7.11 32E4:0B support 9 3237
18.7.12 32E4:0C support 10 3237
18.7.13 32E4:0D support 11 3238
18.7.14 32E4:0E support 12 3238
18.7.15 32E4:0F support 13 3238
18.7.16 32E4:10 support 14 3238
18.7.17 32E4:11 support 15 3239
18.8 32E5:x [SL] EnDat 3 Linear slave memory SET 3240
18.8.1 32E5:01 Selected slave address 3240
18.8.2 32E5:02 cs 3240
18.8.3 32E5:03 sel Hpf 3240

18.8.4 32E5:04 bus Address ... 3241
18.8.5 32E5:05 axis Address ... 3241
18.8.6 32E5:06 fds Safety Info En ... 3241
18.8.7 32E5:07 fds Init Cnt ... 3242
18.8.8 32E5:08 fds Repeat Cnt ... 3242
18.8.9 32E5:09 format Sensor 0 ... 3242
18.8.10 32E5:0A format Sensor 1 ... 3243
18.8.11 32E5:0B format Sensor 2 ... 3243
18.8.12 32E5:0C format Sensor 3 ... 3243
18.8.13 32E5:0D format Sensor 4 ... 3244
18.8.14 32E5:0E format Sensor 5 ... 3244
18.8.15 32E5:0F format Sensor 6 ... 3244
18.8.16 32E5:10 format Sensor 7 ... 3244
18.8.17 32E5:11 format Sensor 8 ... 3245
18.8.18 32E5:12 format Sensor 9 ... 3245
18.8.19 32E5:13 format Sensor 10 ... 3245
18.8.20 32E5:14 format Sensor 11 ... 3246
18.8.21 32E5:15 format Sensor 12 ... 3246
18.8.22 32E5:16 format Sensor 13 ... 3246
18.8.23 32E5:17 format Sensor 14 ... 3247
18.8.24 32E5:18 format Sensor 15 ... 3247
18.8.25 32E5:19 actual Sensor 0 ... 3247
18.8.26 32E5:1A actual Sensor 1 ... 3248
18.8.27 32E5:1B actual Sensor 2 ... 3248
18.8.28 32E5:1C actual Sensor 3 ... 3248
18.8.29 32E5:1D actual Sensor 4 ... 3248
18.8.30 32E5:1E actual Sensor 5 ... 3249
18.8.31 32E5:1F actual Sensor 6 ... 3249
18.8.32 32E5:20 actual Sensor 7 ... 3249
18.8.33 32E5:21 actual Sensor 8 ... 3250
18.8.34 32E5:22 actual Sensor 9 ... 3250
18.8.35 32E5:23 actual Sensor 10 ... 3250
18.8.36 32E5:24 actual Sensor 11 ... 3251
18.8.37 32E5:25 actual Sensor 12 ... 3251
18.8.38 32E5:26 actual Sensor 13 ... 3251
18.8.39 32E5:27 actual Sensor 14 ... 3252
18.8.40 32E5:28 actual Sensor 15 ... 3252
18.8.41 32E5:29 device Specific 0 ... 3252
18.8.42 32E5:2A device Specific 1 ... 3252
18.8.43 32E5:2B device Specific 2 ... 3253
18.8.44 32E5:2C device Specific 3 ... 3253
18.8.45 32E5:2D free to use 0 ... 3253
18.8.46 32E5:2E free to use 1 ... 3254
18.8.47 32E5:2F free to use 2 ... 3254
18.8.48 32E5:30 free to use 3 ... 3254
18.8.49 32E5:31 free to use 4 ... 3255
18.8.50 32E5:32 free to use 5 ... 3255

18.8.51 32E5:33 free to use 6 3255
18.8.52 32E5:34 free to use 7 3256
18.9 32E6:x [SL] EnDat 3 Linear slave memory XSET 3257
18.9.1 32E6:01 Selected slave address 3257
18.9.2 32E6:02 cs 3257
18.9.3 32E6:03 offset Pos 3257
18.9.4 32E6:04 safety Cs 3258
18.9.5 32E6:05 temp Warn Level 3258
18.10 32E7:x [SL] EnDat 3 Linear slave memory LPFSET 3259
18.10.1 32E7:01 Selected slave address 3259
18.10.2 32E7:02 cs 3259
18.10.3 32E7:03 ptr to list 1 3259
18.10.4 32E7:04 ptr to list 2 3260
18.10.5 32E7:05 ptr to list 3 3260
18.10.6 32E7:06 ptr to list 4 3260
18.10.7 32E7:07 ptr to list 5 3261
18.10.8 32E7:08 ptr to list 6 3261
18.10.9 32E7:09 ptr to list 7 3261
18.10.10 32E7:0A xdim1 3262
18.10.11 32E7:0B ydim1 minus 1 3262
18.10.12 32E7:0C xdim2 3262
18.10.13 32E7:0D ydim2 minus 1 3263
18.10.14 32E7:0E xdim3 3263
18.10.15 32E7:0F ydim3 minus 1 3263
18.10.16 32E7:10 xdim4 3263
18.10.17 32E7:11 ydim4 minus 1 3264
18.10.18 32E7:12 xdim5 3264
18.10.19 32E7:13 ydim5 minus 1 3264
18.10.20 32E7:14 xdim6 3265
18.10.21 32E7:15 ydim6 minus 1 3265
18.10.22 32E7:16 xdim7 3265
18.10.23 32E7:17 ydim7 minus 1 3266
18.10.24 32E7:18 FID memory 3266
18.11 32E8:x [SL] EnDat 3 Linear slave memory LPFLIVE 3267
18.11.1 32E8:01 Selected slave address 3267

18.11.2 32E8:02 cs ... 3267
18.11.3 32E8:03 ptr to list 1 ... 3267
18.11.4 32E8:04 ptr to list 2 ... 3268
18.11.5 32E8:05 ptr to list 3 ... 3268
18.11.6 32E8:06 ptr to list 4 ... 3268
18.11.7 32E8:07 ptr to list 5 ... 3269
18.11.8 32E8:08 ptr to list 6 ... 3269
18.11.9 32E8:09 ptr to list 7 ... 3269
18.11.10 32E8:0A xdim1 ... 3270
18.11.11 32E8:0B ydim1 minus 1 ... 3271
18.11.12 32E8:0C xdim2 ... 3272
18.11.13 32E8:0D ydim2 minus 1 ... 3273
18.11.14 32E8:0E xdim3 ... 3274
18.11.15 32E8:0F ydim3 minus 1 ... 3275
18.11.16 32E8:10 xdim4 ... 3276
18.11.17 32E8:11 ydim4 minus 1 ... 3277
18.11.18 32E8:12 xdim5 ... 3278
18.11.19 32E8:13 ydim5 minus 1 ... 3279
18.11.20 32E8:14 xdim6 ... 3280
18.11.21 32E8:15 ydim6 minus 1 ... 3281
18.11.22 32E8:16 xdim7 ... 3282
18.11.23 32E8:17 ydim7 minus 1 ... 3283
18.11.24 32E8:18 FID memory ... 3284
18.12 32E9:x [SL] EnDat 3 Linear slave status LPF data ... 3285
18.12.1 32E9:01 LPF 0 bus address ... 3285
18.12.2 32E9:02 LPF 0 FID ... 3285
18.12.3 32E9:03 LPF 0 data state ... 3286
18.12.4 32E9:04 LPF 0 timestamp ... 3286
18.12.5 32E9:05 LPF 0 error counter ... 3287
18.12.6 32E9:06 LPF 0 data ... 3287
18.12.7 32E9:07 LPF 1 bus address ... 3287
18.12.8 32E9:08 LPF 1 FID ... 3288
18.12.9 32E9:09 LPF 1 data state ... 3288
18.12.10 32E9:0A LPF 1 timestamp ... 3290

18.12.1 32E9:0B LPF 1 error counter ... 3279
18.12.1 32E9:0C LPF 1 data ... 3279
18.12.1 32E9:0D LPF 2 bus address ... 3280
18.12.1 32E9:0E LPF 2 FID ... 3280
18.12.1 32E9:0F LPF 2 data state ... 3281
18.12.1 32E9:10 LPF 2 timestamp ... 3281
18.12.1 32E9:11 LPF 2 error counter ... 3281
18.12.1 32E9:12 LPF 2 data ... 3282
18.12.1 32E9:13 LPF 3 bus address ... 3282
18.12.2 32E9:14 LPF 3 FID ... 3282
18.12.2 32E9:15 LPF 3 data state ... 3283
18.12.2 32E9:16 LPF 3 timestamp ... 3283
18.12.2 32E9:17 LPF 3 error counter ... 3284
18.12.2 32E9:18 LPF 3 data ... 3284
18.12.2 32E9:19 LPF 4 bus address ... 3284
18.12.2 32E9:1A LPF 4 FID ... 3285
18.12.2 32E9:1B LPF 4 data state ... 3285
18.12.2 32E9:1C LPF 4 timestamp ... 3286
18.12.2 32E9:1D LPF 4 error counter ... 3286
18.12.3 32E9:1E LPF 4 data ... 3286
18.12.3 32E9:1F LPF 5 bus address ... 3287
18.12.3 32E9:20 LPF 5 FID ... 3287
18.12.3 32E9:21 LPF 5 data state ... 3288
18.12.3 32E9:22 LPF 5 timestamp ... 3288
18.12.3 32E9:23 LPF 5 error counter ... 3289
18.12.3 32E9:24 LPF 5 data ... 3289

18.12.3 32E9:25 LPF 6 bus address ... 3289
7
18.12.3 32E9:26 LPF 6 FID ... 3289
8
18.12.3 32E9:27 LPF 6 data state ... 3290
9
18.12.4 32E9:28 LPF 6 timestamp ... 3291
0
18.12.4 32E9:29 LPF 6 error counter ... 3291
1
18.12.4 32E9:2A LPF 6 data ... 3291
2
18.12.4 32E9:2B LPF 7 bus address ... 3292
3
18.12.4 32E9:2C LPF 7 FID ... 3292
4
18.12.4 32E9:2D LPF 7 data state ... 3293
5
18.12.4 32E9:2E LPF 7 timestamp ... 3293
6
18.12.4 32E9:2F LPF 7 error counter ... 3293
7
18.12.4 32E9:30 LPF 7 data ... 3294
8
18.12.4 32E9:31 LPF 8 bus address ... 3294
9
18.12.5 32E9:32 LPF 8 FID ... 3294
0
18.12.5 32E9:33 LPF 8 data state ... 3295
1
18.12.5 32E9:34 LPF 8 timestamp ... 3295
2
18.12.5 32E9:35 LPF 8 error counter ... 3296
3
18.12.5 32E9:36 LPF 8 data ... 3296
4
18.12.5 32E9:37 LPF 9 bus address ... 3296
5
18.12.5 32E9:38 LPF 9 FID ... 3297
6
18.12.5 32E9:39 LPF 9 data state ... 3297
7
18.12.5 32E9:3A LPF 9 timestamp ... 3298
8
18.12.5 32E9:3B LPF 9 error counter ... 3298
9
18.12.6 32E9:3C LPF 9 data ... 3298
0
18.12.6 32E9:3D LPF 10 bus address ... 3299
1
18.12.6 32E9:3E LPF 10 FID ... 3299
2
18.12.6 32E9:3F LPF 10 data state ... 3300
3

18.12.6 32E9:40 LPF 10 timestamp 33004
18.12.6 32E9:41 LPF 10 error counter 33005
18.12.6 32E9:42 LPF 10 data 33016
18.12.6 32E9:43 LPF 11 bus address 33017
18.12.6 32E9:44 LPF 11 FID 33018
18.12.6 32E9:45 LPF 11 data state 33029
18.12.7 32E9:46 LPF 11 timestamp 33030
18.12.7 32E9:47 LPF 11 error counter 33031
18.12.7 32E9:48 LPF 11 data 33032
18.12.7 32E9:49 LPF 12 bus address 33033
18.12.7 32E9:4A LPF 12 FID 33044
18.12.7 32E9:4B LPF 12 data state 33045
18.12.7 32E9:4C LPF 12 timestamp 33056
18.12.7 32E9:4D LPF 12 error counter 33057
18.12.7 32E9:4E LPF 12 data 33058
18.12.7 32E9:4F LPF 13 bus address 33069
18.12.8 32E9:50 LPF 13 FID 33060
18.12.8 32E9:51 LPF 13 data state 33071
18.12.8 32E9:52 LPF 13 timestamp 33072
18.12.8 32E9:53 LPF 13 error counter 33083
18.12.8 32E9:54 LPF 13 data 33084
18.12.8 32E9:55 LPF 14 bus address 33085
18.12.8 32E9:56 LPF 14 FID 33086
18.12.8 32E9:57 LPF 14 data state 33097
18.12.8 32E9:58 LPF 14 timestamp 33108
18.12.8 32E9:59 LPF 14 error counter 33109

18.12.9 32E9:5A LPF 14 data 3310
0
18.12.9 32E9:5B LPF 15 bus address 3311
1
18.12.9 32E9:5C LPF 15 FID 3311
2
18.12.9 32E9:5D LPF 15 data state 3312
3
18.12.9 32E9:5E LPF 15 timestamp 3312
4
18.12.9 32E9:5F LPF 15 error counter 3312
5
18.12.9 32E9:60 LPF 15 data 3313
6
18.13 32EA:x [SL] EnDat 3 Linear temperature sensors 3314
18.13.1 32EA:01 EnDat3 encoder connected sensor data state 3314
18.13.2 32EA:02 EnDat3 encoder connected sensor temperature 3314
18.13.3 32EA:03 Drive connected sensor data state 3315
18.13.4 32EA:04 Drive connected sensor resistance 3315
18.14 32EB:x [SL] EnDat 3 Linear electronic data sheet 3316
18.14.1 32EB:01 Selected slave address 3316
18.14.2 32EB:02 Data state 3316
18.14.3 32EB:03 Electronic data sheet 3317
18.15 32EC:x [SL] EnDat 3 Linear position offset data 3318
18.15.1 32EC:01 Selected slave address 3318
18.15.2 32EC:02 Data state 3318
18.15.3 32EC:03 Position offset 3319
18.16 32ED:x [SL] EnDat 3 Linear user data 3320
18.16.1 32ED:01 Selected slave address 3320
18.16.2 32ED:02 Data state 3320
18.16.3 32ED:03 User data 3321
18.17 32EF:x [SL] EnDat 3 Linear commutation offset data 3322
18.17.1 32EF:01 Selected slave address 3322
18.17.2 32EF:02 Data state 3322
18.17.3 32EF:03 Commutation offset 3323
18.18 32F1:x [SL] EnDat 3 Linear direct encoder access 3324
18.18.1 32F1:01 Command 3324
18.18.2 32F1:02 Status 3324
18.18.3 32F1:03 Response 3327
18.19 32F3:x [SL] EnDat 3 Linear save user data 3328
18.19.1 32F3:01 Command 3328
18.19.2 32F3:02 Status 3328
18.19.3 32F3:03 Response 3331
18.20 32F4:x [SL] EnDat 3 Linear save commutation offset 3332
18.20.1 32F4:01 Command 3332
18.20.2 32F4:02 Status 3332
18.20.3 32F4:03 Response 3335
18.21 32F5:x [SL] EnDat 3 Linear scan connected encoder 3336

18.21.1 32F5:01 Command ... 3336
18.21.2 32F5:02 Status ... 3336
18.21.3 32F5:03 Response ... 3339
18.22 32FB:x [SL] EnDat 3 Linear additional status ... 3340
18.22.1 32FB:01 Slave line error count ... 3340
18.22.2 32FB:02 Master line error count ... 3340
18.22.3 32FB:03 Total extrapolation count ... 3340
18.23 32FC:x [SL] EnDat 3 Linear encoder parameter ... 3342
18.23.1 32FC:01 Connector ... 3342
18.23.2 32FC:02 Measuring step length policy ... 3342
18.23.3 32FC:03 Measuring step length ... 3343
18.23.4 32FC:04 Measuring length policy ... 3343
18.23.5 32FC:05 Measuring length ... 3343
18.23.6 32FC:06 Trace level ... 3344
18.23.7 32FC:07 Settings ... 3344
18.23.8 32FC:08 Max position extrapolation cycles ... 3344

19 Objects of module BiSS-C Rotary ... 3346
19.1 1A00:x [SL] BiSS-C Rotary Inputs ... 3346
19.2 1AE0:x [SL] BiSS-C Rotary Dynamic Inputs ... 3347
19.3 32E0:x [SL] BiSS-C Rotary actual values ... 3348
19.3.1 32E0:01 Position ... 3348
19.3.2 32E0:02 Raw position ... 3348
19.3.3 32E0:03 rsvd1 ... 3349
19.3.4 32E0:04 Status ... 3349
19.3.5 32E0:05 rsvd2 ... 3349
19.3.6 32E0:06 Valid ... 3349
19.3.7 32E0:07 Internal scaled position ... 3350
19.3.8 32E0:08 Raw slave line data ... 3350
19.4 32E1:x [SL] BiSS-C Rotary encoder info ... 3351
19.4.1 32E1:01 Interface ... 3351
19.4.2 32E1:02 IpCore Ident ... 3351
19.4.3 32E1:03 Clock frequency ... 3352
19.4.4 32E1:04 rsvd ... 3352
19.4.5 32E1:05 Error and warning configuration ... 3352
19.4.6 32E1:06 Total calculation and transfer time ... 3353
19.4.7 32E1:07 Position sample point shift relative to the sync signal ... 3353
19.5 32E2:x [SL] BiSS-C Rotary encoder status ... 3354
19.5.1 32E2:01 Cycle Counter ... 3354
19.5.2 32E2:02 Error Counter ... 3354
19.5.3 32E2:03 Measured calculation time ... 3355
19.5.4 32E2:04 Raw slave line data AND ... 3355
19.5.5 32E2:05 Raw slave line data OR ... 3355
19.5.6 32E2:06 Raw slave line data decoding ... 3356
19.6 32E3:x [SL] BiSS-C Rotary temperature sensors ... 3357
19.6.1 32E3:01 BiSSc encoder connected sensor data state ... 3357
19.6.2 32E3:02 BiSSc encoder connected sensor resistance ... 3357

19.6.3 32E3:03 Drive connected sensor data state 3358
19.6.4 32E3:04 Drive connected sensor resistance 3358
19.7 32EF:x [SL] BiSS-C Rotary encoder parameter 3359
19.7.1 32EF:01 Connector 3359
19.7.2 32EF:02 Power supply 3359
19.7.3 32EF:03 Measuring steps per revolution 3360
19.7.4 32EF:04 Number of distinguishable revolutions 3360
19.7.5 32EF:05 Data layout 3360
19.7.6 32EF:06 Fill bit count left 3361
19.7.7 32EF:07 Fill bit count right 3361
19.7.8 32EF:08 reserved 3361
19.7.9 32EF:09 Max encoder clock frequency 3362
19.7.10 32EF:0A Delay time after power up 3362
19.7.11 32EF:0B Calculation time 3362
19.7.12 32EF:0C CRC polynome 3363
19.7.13 32EF:0D CRC data inverted 3363
19.7.14 32EF:0E Error and warning config 3363
19.7.15 32EF:0F Cable length depending clock frequency limit 3364
19.7.16 32EF:10 Trace level 3364
19.7.17 32EF:11 Position sample point timing 3365

20 Objects of module BiSS-C Linear 3366
20.1 1A00:x [SL] BiSS-C Linear Inputs 3366
20.2 1AE0:x [SL] BiSS-C Linear Dynamic Inputs 3367
20.3 32E0:x [SL] BiSS-C Linear actual values 3368
20.3.1 32E0:01 Position 3368
20.3.2 32E0:02 Raw position 3368
20.3.3 32E0:03 rsvd1 3369
20.3.4 32E0:04 Status 3369
20.3.5 32E0:05 rsvd2 3369
20.3.6 32E0:06 Valid 3369
20.3.7 32E0:07 Internal scaled position 3370
20.3.8 32E0:08 Raw slave line data 3370
20.4 32E1:x [SL] BiSS-C Linear encoder info 3371
20.4.1 32E1:01 Interface 3371
20.4.2 32E1:02 IpCore Ident 3371
20.4.3 32E1:03 Clock frequency 3372
20.4.4 32E1:04 rsvd 3372
20.4.5 32E1:05 Error and warning configuration 3372
20.4.6 32E1:06 Total calculation and transfer time 3373
20.4.7 32E1:07 Position sample point shift relative to the sync signal 3373
20.5 32E2:x [SL] BiSS-C Linear encoder status 3374
20.5.1 32E2:01 Cycle Counter 3374
20.5.2 32E2:02 Error Counter 3374
20.5.3 32E2:03 Measured calculation time 3375
20.5.4 32E2:04 Raw slave line data AND 3375
20.5.5 32E2:05 Raw slave line data OR 3375

20.5.6 32E2:06 Raw slave line data decoding 3376
20.6 32E3:x [SL] BiSS-C Linear temperature sensors 3377
20.6.1 32E3:01 BiSSc encoder connected sensor data state 3377
20.6.2 32E3:02 BiSSc encoder connected sensor resistance 3377
20.6.3 32E3:03 Drive connected sensor data state 3378
20.6.4 32E3:04 Drive connected sensor resistance 3378
20.7 32EF:x [SL] BiSS-C Linear encoder parameter 3379
20.7.1 32EF:01 Connector 3379
20.7.2 32EF:02 Power supply 3379
20.7.3 32EF:03 Measuring step length 3380
20.7.4 32EF:04 Measuring step length divisor 3380
20.7.5 32EF:05 Position bit count 3380
20.7.6 32EF:06 Data layout 3381
20.7.7 32EF:07 Fill bit count left 3381
20.7.8 32EF:08 Fill bit count right 3381
20.7.9 32EF:09 reserved 3382
20.7.10 32EF:0A Max encoder clock frequency 3382
20.7.11 32EF:0B Delay time after power up 3382
20.7.12 32EF:0C Calculation time 3383
20.7.13 32EF:0D CRC polynome 3383
20.7.14 32EF:0E CRC data inverted 3383
20.7.15 32EF:0F Error and warning config 3384
20.7.16 32EF:10 Cable length depending clock frequency limit 3384
20.7.17 32EF:11 Trace level 3385
20.7.18 32EF:12 Position sample point timing 3385

21 Objects of module Incremental Encoder Rotary 3386
21.1 1A00:x [SL] Incremental Encoder Rotary Inputs 3386
21.2 1AE0:x [SL] Incremental Encoder Rotary Dynamic Inputs 3387
21.3 32E0:x [SL] Incremental Encoder Rotary actual values 3388
21.3.1 32E0:01 Position 3388
21.3.2 32E0:02 Raw position 3388
21.3.3 32E0:03 Status 3389
21.3.4 32E0:04 rsvd1 3389
21.3.5 32E0:05 rsvd2 3389
21.3.6 32E0:06 Valid 3389
21.3.7 32E0:07 Internal scaled position 3390
21.3.8 32E0:08 Sine signal 3390
21.3.9 32E0:09 Cosine signal 3390
21.3.10 32E0:0A Reference signal 3391
21.3.11 32E0:0B Vector length 3391
21.3.12 32E0:0C Vector length maximum 3391
21.3.13 32E0:0D Vector length minimum 3392
21.3.14 32E0:0E Cosine maximum 3392
21.3.15 32E0:0F Cosine minimum 3392
21.3.16 32E0:10 Sine maximum 3393
21.3.17 32E0:11 Sine minimum 3393

21.4 32E1:x [SL] Incremental Encoder Rotary encoder info ... 3394
21.4.1 32E1:01 Interface ... 3394
21.4.2 32E1:02 IpCore Ident ... 3394
21.4.3 32E1:03 Sample frequency ... 3395
21.4.4 32E1:04 Cosine gain production ... 3395
21.4.5 32E1:05 Sine gain production ... 3395
21.4.6 32E1:06 Cosine offset production ... 3396
21.4.7 32E1:07 Sine offset production ... 3396
21.5 32E2:x [SL] Incremental Encoder Rotary encoder status ... 3397
21.5.1 32E2:01 Cycle Counter ... 3397
21.5.2 32E2:02 Error Counter ... 3397
21.6 32E3:x [SL] Incremental Encoder Rotary temperature sensors ... 3398
21.6.1 32E3:01 rsvd0 ... 3398
21.6.2 32E3:02 rsvd1 ... 3398
21.6.3 32E3:03 Drive connected sensor data state ... 3399
21.6.4 32E3:04 Drive connected sensor resistance ... 3399
21.7 32EF:x [SL] Incremental Encoder Rotary encoder parameter ... 3400
21.7.1 32EF:01 Connector ... 3400
21.7.2 32EF:02 Power supply ... 3400
21.7.3 32EF:03 Encoder type ... 3401
21.7.4 32EF:04 Vector length monitoring mode ... 3401
21.7.5 32EF:05 Automatic offset and gain calc mode ... 3401
21.7.6 32EF:06 Signal periods per revolution ... 3402
21.7.7 32EF:07 Delay time after power up ... 3402
21.7.8 32EF:08 Trace level ... 3402
21.7.9 32EF:09 Cosine gain ... 3403
21.7.10 32EF:0A Sine gain ... 3403
21.7.11 32EF:0B Cosine offset ... 3404
21.7.12 32EF:0C Sine offset ... 3404
21.7.13 32EF:0D Vector length max allowed value ... 3404
21.7.14 32EF:0E Vector length min allowed value ... 3404
21.7.15 32EF:0F Reference signal latch value ... 3405

22 Objects of module Incremental Encoder Linear ... 3406
22.1 1A00:x [SL] Incremental Encoder Linear Inputs ... 3406
22.2 1AE0:x [SL] Incremental Encoder Linear Dynamic Inputs ... 3407
22.3 32E0:x [SL] Incremental Encoder Linear actual values ... 3408
22.3.1 32E0:01 Position ... 3408
22.3.2 32E0:02 Raw position ... 3408
22.3.3 32E0:03 Status ... 3409
22.3.4 32E0:04 rsvd1 ... 3409
22.3.5 32E0:05 rsvd2 ... 3409
22.3.6 32E0:06 Valid ... 3409
22.3.7 32E0:07 Internal scaled position ... 3410
22.3.8 32E0:08 Sine signal ... 3410
22.3.9 32E0:09 Cosine signal ... 3410
22.3.10 32E0:0A Reference signal ... 3411

22.3.11 32E0:0B Vector length 3411
22.3.12 32E0:0C Vector length maximum 3411
22.3.13 32E0:0D Vector length minimum 3412
22.3.14 32E0:0E Cosine maximum 3412
22.3.15 32E0:0F Cosine minimum 3412
22.3.16 32E0:10 Sine maximum 3413
22.3.17 32E0:11 Sine minimum 3413
22.4 32E1:x [SL] Incremental Encoder Linear encoder info 3414
22.4.1 32E1:01 Interface 3414
22.4.2 32E1:02 IpCore Ident 3414
22.4.3 32E1:03 Sample frequency 3415
22.4.4 32E1:04 Cosine gain production 3415
22.4.5 32E1:05 Sine gain production 3415
22.4.6 32E1:06 Cosine offset production 3416
22.4.7 32E1:07 Sine offset production 3416
22.5 32E2:x [SL] Incremental Encoder Linear encoder status 3417
22.5.1 32E2:01 Cycle Counter 3417
22.5.2 32E2:02 Error Counter 3417
22.6 32E3:x [SL] Incremental Encoder Linear temperature sensors 3418
22.6.1 32E3:01 rsvd0 3418
22.6.2 32E3:02 rsvd1 3418
22.6.3 32E3:03 Drive connected sensor data state 3419
22.6.4 32E3:04 Drive connected sensor resistance 3419
22.7 32EF:x [SL] Incremental Encoder Linear encoder parameter 3420
22.7.1 32EF:01 Connector 3420
22.7.2 32EF:02 Power supply 3420
22.7.3 32EF:03 Encoder type 3421
22.7.4 32EF:04 Vector length monitoring mode 3421
22.7.5 32EF:05 Automatic offset and gain calc mode 3421
22.7.6 32EF:06 Length per signal period 3422
22.7.7 32EF:07 Length per signal period divisor 3422
22.7.8 32EF:08 Delay time after power up 3422
22.7.9 32EF:09 Trace level 3423
22.7.10 32EF:0A Cosine gain 3423
22.7.11 32EF:0B Sine gain 3424
22.7.12 32EF:0C Cosine offset 3424
22.7.13 32EF:0D Sine offset 3424
22.7.14 32EF:0E Vector length max allowed value 3424
22.7.15 32EF:0F Vector length min allowed value 3425
22.7.16 32EF:10 Reference signal latch value 3425

23 Objects of module Simulation Rotary 3426
23.1 1A00:x [SL] Simulation Rotary Inputs 3426
23.2 1AE0:x [SL] Simulation Rotary Dynamic Inputs 3427
23.3 32E0:x [SL] Simulation Rotary actual values 3428
23.3.1 32E0:01 Position 3428
23.3.2 32E0:02 Raw position 3428

23.3.3 32E0:06 Valid ... 3428
23.3.4 32E0:07 Internal scaled position ... 3429
23.3.5 32E0:08 Simulation mode ... 3429
23.4 32E3:x [SL] Simulation Rotary temperature sensors ... 3430
23.4.1 32E3:01 Simulation encoder connected sensor data state ... 3430
23.4.2 32E3:02 Simulation encoder connected sensor resistance ... 3430
23.4.3 32E3:03 Drive connected sensor data state ... 3431
23.4.4 32E3:04 Drive connected sensor resistance ... 3431
24 Objects of module SynchronousMotor ... 3432
24.1 1A00:x SynchronousMotor Inputs ... 3432
24.2 1AE0:x SynchronousMotor Dynamic Inputs ... 3433
24.3 32C0:x SynchronousMotor parameters ... 3434
24.3.1 32C0:01 Configured motor type ... 3434
24.3.2 32C0:02 Pole pairs ... 3434
24.3.3 32C0:03 Motor peak current ... 3434
24.3.4 32C0:04 Motor nominal voltage ... 3435
24.3.5 32C0:05 Motor max voltage ... 3435
24.3.6 32C0:06 Winding resistance R ... 3435
24.3.7 32C0:07 Winding inductance Ld ... 3436
24.3.8 32C0:08 Winding inductance Lq ... 3436
24.3.9 32C0:09 Motor warning temperature ... 3436
24.3.10 32C0:0A Motor shut down temperature ... 3437
24.3.11 32C0:0B Motor moment of inertia ... 3437
24.3.12 32C0:0C Motor rated speed ... 3437
24.3.13 32C0:0D Motor rated torque ... 3438
24.3.14 32C0:0E Commutation offset ... 3438
24.3.15 32C0:0F Motor temperature sensor connection ... 3438
24.3.16 32C0:10 Motor max voltage slope ... 3439
24.3.17 32C0:16 Commutation offset source ... 3439
24.3.18 32C0:17 Motor peak torque ... 3440
24.3.19 32C0:19 Reluctance torque current angle ... 3440
24.3.20 32C0:1A Commutation gear numerator ... 3440
24.3.21 32C0:1B Commutation gear denominator ... 3441
24.4 32C1:x SynchronousMotor actual values ... 3442
24.4.1 32C1:01 Actual motor I2T current limit ... 3442
24.4.2 32C1:02 Thermal motor utilization ... 3442
24.4.3 32C1:03 Estimated motor copper losses ... 3442
24.4.4 32C1:04 Estimated motor iron losses ... 3443
24.4.5 32C1:05 Motor I2T limitation active ... 3443
24.4.6 32C1:06 Actual motor temperature ... 3443
24.4.7 32C1:0B Actual commutation offset ... 3444
24.4.8 32C1:0C Is commutation offset valid ... 3444
24.4.9 32C1:0D Voltage controller demand value ... 3444
24.4.10 32C1:0E Voltage controller actual value ... 3445
24.4.11 32C1:0F Sensorless control commutation angle error ... 3445
24.5 32C2:x SynchronousMotor torque characteristic ... 3446

24.5.1 32C2:01 Current 1 ... 3446
24.5.2 32C2:02 Current 2 ... 3446
24.5.3 32C2:03 Current 3 ... 3447
24.5.4 32C2:04 Torque 1 ... 3447
24.5.5 32C2:05 Torque 2 ... 3447
24.5.6 32C2:06 Torque 3 ... 3448
24.5.7 32C2:07 Coeff A1 ... 3448
24.5.8 32C2:08 Coeff A2 ... 3448
24.5.9 32C2:09 Coeff A3 ... 3449
24.6 32C6:x SynchronousMotor commutation monitoring parameters ... 3450
24.6.1 32C6:01 Speed threshold ... 3450
24.6.2 32C6:02 Voltage threshold ... 3450
24.7 32C7:x SynchronousMotor temperature sensor characteristic ... 3451
24.7.1 32C7:01 Temperature 0 ... 3451
24.7.2 32C7:02 Temperature 1 ... 3451
24.7.3 32C7:03 Temperature 2 ... 3451
24.7.4 32C7:04 Temperature 3 ... 3452
24.7.5 32C7:05 Temperature 4 ... 3452
24.7.6 32C7:06 Temperature 5 ... 3452
24.7.7 32C7:07 Temperature 6 ... 3453
24.7.8 32C7:08 Temperature 7 ... 3453
24.7.9 32C7:09 Temperature 8 ... 3453
24.7.10 32C7:0A Temperature 9 ... 3454
24.7.11 32C7:0B Resistance 0 ... 3454
24.7.12 32C7:0C Resistance 1 ... 3454
24.7.13 32C7:0D Resistance 2 ... 3455
24.7.14 32C7:0E Resistance 3 ... 3455
24.7.15 32C7:0F Resistance 4 ... 3455
24.7.16 32C7:10 Resistance 5 ... 3455
24.7.17 32C7:11 Resistance 6 ... 3456
24.7.18 32C7:12 Resistance 7 ... 3456
24.7.19 32C7:13 Resistance 8 ... 3456
24.7.20 32C7:14 Resistance 9 ... 3457
24.7.21 32C7:15 Temperature Sensor Id ... 3457
24.8 32C8:x SynchronousMotor thermal model ... 3458
24.8.1 32C8:01 Motor thermal time constant ... 3458
24.8.2 32C8:02 Winding thermal time constant ... 3458
24.8.3 32C8:03 Warning limit ... 3458
24.8.4 32C8:04 Error limit ... 3459
24.8.5 32C8:05 Reaction ... 3459
24.8.6 32C8:06 Partial fraction factor ... 3460
24.8.7 32C8:07 Model type ... 3460
24.9 32C9:x SynchronousMotor rotor slowdown procedure parameter ... 3461
24.9.1 32C9:06 Activation time ... 3461
24.9.2 32C9:0A Wait time after braking ... 3461
24.10 32CA:x SynchronousMotor info ... 3462

24.10.1 32CA:01 Vendor ... 3462
24.10.2 32CA:02 Order code ... 3462
24.10.3 32CA:03 Electric type ... 3462
24.10.4 32CA:04 Serial number ... 3463
24.10.5 32CA:05 Feedback serial number ... 3463
24.11 32CB:x SynchronousMotor cogging compensation ... 3464
24.11.1 32CB:01 Cogging compensation control ... 3464
24.11.2 32CB:02 Cogging compensation gain ... 3464
24.11.3 32CB:03 Cogging compensation status ... 3465
24.11.4 32CB:04 Cogging compensation status encoder memory ... 3465
24.11.5 32CB:05 Cogging compensation status drive memory ... 3465
24.11.6 32CB:06 Cogging compensation status startup list ... 3466
24.11.7 32CB:07 Cogging compensation Coef 0 n ... 3466
24.11.8 32CB:08 Cogging compensation Coef 0 phi ... 3466
24.11.9 32CB:09 Cogging compensation Coef 0 r ... 3467
24.11.10 32CB:0A Cogging compensation Coef 1 n ... 3467
24.11.11 32CB:0B Cogging compensation Coef 1 phi ... 3467
24.11.12 32CB:0C Cogging compensation Coef 1 r ... 3468
24.11.13 32CB:0D Cogging compensation Coef 2 n ... 3468
24.11.14 32CB:0E Cogging compensation Coef 2 phi ... 3468
24.11.15 32CB:0F Cogging compensation Coef 2 r ... 3469
24.11.16 32CB:10 Cogging compensation Coef 3 n ... 3469
24.11.17 32CB:11 Cogging compensation Coef 3 phi ... 3469
24.11.18 32CB:12 Cogging compensation Coef 3 r ... 3470
24.11.19 32CB:13 Cogging compensation Coef 4 n ... 3470
24.11.20 32CB:14 Cogging compensation Coef 4 phi ... 3470
24.11.21 32CB:15 Cogging compensation Coef 4 r ... 3470
24.11.22 32CB:16 Cogging compensation Coef 5 n ... 3471
24.11.23 32CB:17 Cogging compensation Coef 5 phi ... 3471
24.11.24 32CB:18 Cogging compensation Coef 5 r ... 3471
24.11.25 32CB:19 Cogging compensation Coef 6 n ... 3472
24.11.26 32CB:1A Cogging compensation Coef 6 phi ... 3472
24.11.27 32CB:1B Cogging compensation Coef 6 r ... 3472

24.11.2 32CB:1C Cogging compensation Coef 7 n 3473
8
24.11.2 32CB:1D Cogging compensation Coef 7 phi 3473
9
24.11.3 32CB:1E Cogging compensation Coef 7 r 3473
0
24.11.3 32CB:1F Cogging compensation Coef 8 n 3474
1
24.11.3 32CB:20 Cogging compensation Coef 8 phi 3474
2
24.11.3 32CB:21 Cogging compensation Coef 8 r 3474
3
24.11.3 32CB:22 Cogging compensation Coef 9 n 3474
4
24.11.3 32CB:23 Cogging compensation Coef 9 phi 3475
5
24.11.3 32CB:24 Cogging compensation Coef 9 r 3475
6
24.12 32CC:x SynchronousMotor inductance characteristic 3476
24.12.1 32CC:01 Current 0 3476
24.12.2 32CC:02 Current 1 3476
24.12.3 32CC:03 Current 2 3476
24.12.4 32CC:04 Current 3 3477
24.12.5 32CC:05 Current 4 3477
24.12.6 32CC:06 Current 5 3477
24.12.7 32CC:07 Current 6 3478
24.12.8 32CC:08 Current 7 3478
24.12.9 32CC:09 Current 8 3478
24.12.1 32CC:0A Current 9 3479
0
24.12.1 32CC:0B Inductance 0 3479
1
24.12.1 32CC:0C Inductance 1 3479
2
24.12.1 32CC:0D Inductance 2 3480
3
24.12.1 32CC:0E Inductance 3 3480
4
24.12.1 32CC:0F Inductance 4 3480
5
24.12.1 32CC:10 Inductance 5 3480
6
24.12.1 32CC:11 Inductance 6 3481
7
24.12.1 32CC:12 Inductance 7 3481
8
24.12.1 32CC:13 Inductance 8 3481
9
24.12.2 32CC:14 Inductance 9 3482
0
24.13 32CD:x SynchronousMotor commutation offset command 3483

24.13.1 32CD:01 Command ... 3483
24.13.2 32CD:02 Status ... 3483
24.13.3 32CD:03 Response ... 3486
24.14 32CE:x SynchronousMotor commutation offset command parameters ... 3487
24.14.1 32CE:01 Static current vector: Method ... 3487
24.14.2 32CE:02 Static current vector: Current level ... 3487
24.14.3 32CE:03 Static current vector: Current slope ... 3488
24.14.4 32CE:04 Static current vector: Duration ... 3488
24.14.5 32CE:05 Static current vector: Initial moving distance per pole pair ... 3488
24.14.6 32CE:06 Static current vector: Test sequence moving distance per pole pair ... 3489
24.14.7 32CE:07 Static current vector: Velocity per pole pair ... 3489
24.15 32CF:x SynchronousMotor save cogging compensation data ... 3490
24.15.1 32CF:01 Command ... 3490
24.15.2 32CF:02 Status ... 3490
24.15.3 32CF:03 Response ... 3493
24.16 32D0:x SynchronousMotor sensorless control parameter ... 3494
24.16.1 32D0:01 Emf observer: Internal torque command standstil ... 3494
24.16.2 32D0:02 Emf observer: Internal torque command acceleration ... 3494
24.16.3 32D0:03 Emf observer: Flux generating current slope 1 ... 3495
24.16.4 32D0:04 Emf observer: Flux generating current slope 2 ... 3495
24.16.5 32D0:05 Emf observer: Flux generating current slope 3 ... 3495
24.16.6 32D0:06 Emf observer: Current control loop proportional gain ... 3496
24.16.7 32D0:07 Emf observer: Threshold speed enable FOC ... 3496
24.16.8 32D0:08 Emf observer: Threshold speed disable FOC ... 3496
24.16.9 32D0:09 Emf observer: Timeout ... 3497
24.16.10 32D0:0A Emf observer: Commutation angle adjustment ... 3497
24.16.11 32D0:0B Emf observer: Commutation angle error limit ... 3497
24.16.12 32D0:0C Emf observer: Low pass frequency ... 3497
24.16.13 32D0:0D Emf observer: Bandwidth ... 3498
24.16.14 32D0:0E Emf observer: Damping ... 3498
24.16.15 32D0:11 Inj observer: Mode ... 3498
24.16.16 32D0:12 Inj observer: Excitation Voltage ... 3499
24.16.17 32D0:13 Inj observer: Excitation frequency ... 3499
24.16.18 32D0:14 Inj observer: Excitation phase ... 3500
24.16.19 32D0:15 Inj observer: Bandwidth1 ... 3500
24.16.20 32D0:16 Inj observer: Bandwidth2 ... 3500
24.16.21 32D0:17 Inj observer: Damping1 ... 3500

24.16.2 32D0:18 Inj observer: Damping2 ... 3501
2
24.16.2 32D0:19 Inj observer: Observer mode change velocity threshold ... 3501
3
24.16.2 32D0:1A Inj observer: Observer mode change hysteresis ... 3501
4
24.16.2 32D0:1B Inj observer: Feedback Gain 1 ... 3502
5
24.16.2 32D0:1C Inj observer: Feedback Gain 2 ... 3502
6
24.16.2 32D0:1D Inj observer: Commutation angle error limit ... 3502
7
24.16.2 32D0:1E Inj observer: Low pass frequency ... 3503
8
24.17 32D1:x SynchronousMotor field weakening parameter ... 3504
24.17.1 32D1:01 Mode ... 3504
24.17.2 32D1:02 Current ratio ... 3504
24.17.3 32D1:03 Voltage utilization ... 3505
24.17.4 32D1:04 Integral action time ... 3505
24.17.5 32D1:05 Max field weakening current ... 3505
24.18 32D6:x SynchronousMotor lookup table data ... 3506
24.18.1 32D6:01 DataArea1 ... 3506
24.18.2 32D6:02 DataArea2 ... 3511
24.18.3 32D6:03 DataArea3 ... 3512
24.19 32DF SynchronousMotor control mode ... 3513
24.20 6075 Motor standstill current ... 3514
24.21 6076 Motor standstill torque ... 3515
24.22 6080 Max motor speed ... 3516

25 Objects of module LinearMotor ... 3517
25.1 1600:x LinearMotor Outputs ... 3517
25.2 16E0:x LinearMotor Dynamic Outputs ... 3518
25.3 1A00:x LinearMotor Inputs ... 3519
25.4 1AE0:x LinearMotor Dynamic Inputs ... 3520
25.5 32C0:x LinearMotor parameters ... 3521
25.5.1 32C0:01 Configured motor type ... 3521
25.5.2 32C0:02 Pole pair distance ... 3521
25.5.3 32C0:03 Motor peak current ... 3521
25.5.4 32C0:04 Motor nominal voltage ... 3522
25.5.5 32C0:05 Motor max voltage ... 3522
25.5.6 32C0:06 Winding resistance R ... 3522
25.5.7 32C0:07 Winding inductance Ld ... 3523
25.5.8 32C0:08 Winding inductance Lq ... 3523
25.5.9 32C0:09 Motor warning temperature ... 3523
25.5.10 32C0:0A Motor shut down temperature ... 3524
25.5.11 32C0:0B Coil unit mass ... 3524
25.5.12 32C0:0C Motor rated speed ... 3524
25.5.13 32C0:0D Motor rated force ... 3525
25.5.14 32C0:0E Commutation offset ... 3525

25.5.15 32C0:0F Motor temperature sensor connection ... 3525
25.5.16 32C0:10 Motor max voltage slope ... 3526
25.5.17 32C0:16 Commutation offset source ... 3526
25.5.18 32C0:17 Motor peak force ... 3527
25.5.19 32C0:1A reserved_8 ... 3527
25.5.20 32C0:1B reserved_9 ... 3527
25.6 32C1:x LinearMotor actual values ... 3528
25.6.1 32C1:01 Actual motor I2T current limit ... 3528
25.6.2 32C1:02 Thermal motor utilization ... 3528
25.6.3 32C1:03 Estimated motor copper losses ... 3528
25.6.4 32C1:04 Estimated motor iron losses ... 3529
25.6.5 32C1:05 Motor I2T limitation active ... 3529
25.6.6 32C1:06 Actual motor temperature ... 3529
25.6.7 32C1:0B Actual commutation offset ... 3530
25.6.8 32C1:0C Is commutation offset valid ... 3530
25.6.9 32C1:0D Voltage controller demand value ... 3530
25.6.10 32C1:0E Voltage controller actual value ... 3531
25.6.11 32C1:0F reserved_5 ... 3531
25.7 32C2:x LinearMotor force characteristic ... 3532
25.7.1 32C2:01 Current 1 ... 3532
25.7.2 32C2:02 Current 2 ... 3532
25.7.3 32C2:03 Current 3 ... 3533
25.7.4 32C2:04 Force 1 ... 3533
25.7.5 32C2:05 Force 2 ... 3533
25.7.6 32C2:06 Force 3 ... 3534
25.7.7 32C2:07 Coeff A1 ... 3534
25.7.8 32C2:08 Coeff A2 ... 3534
25.7.9 32C2:09 Coeff A3 ... 3535
25.8 32C6:x LinearMotor commutation monitoring parameters ... 3536
25.8.1 32C6:01 Speed threshold ... 3536
25.8.2 32C6:02 Voltage threshold ... 3536
25.9 32C7:x LinearMotor temperature sensor characteristic ... 3537
25.9.1 32C7:01 Temperature 0 ... 3537
25.9.2 32C7:02 Temperature 1 ... 3537
25.9.3 32C7:03 Temperature 2 ... 3537
25.9.4 32C7:04 Temperature 3 ... 3538
25.9.5 32C7:05 Temperature 4 ... 3538
25.9.6 32C7:06 Temperature 5 ... 3538
25.9.7 32C7:07 Temperature 6 ... 3539
25.9.8 32C7:08 Temperature 7 ... 3539
25.9.9 32C7:09 Temperature 8 ... 3539
25.9.10 32C7:0A Temperature 9 ... 3540
25.9.11 32C7:0B Resistance 0 ... 3540
25.9.12 32C7:0C Resistance 1 ... 3540
25.9.13 32C7:0D Resistance 2 ... 3541
25.9.14 32C7:0E Resistance 3 ... 3541
25.9.15 32C7:0F Resistance 4 ... 3541

25.9.16 32C7:10 Resistance 5 ... 3541
25.9.17 32C7:11 Resistance 6 ... 3542
25.9.18 32C7:12 Resistance 7 ... 3542
25.9.19 32C7:13 Resistance 8 ... 3542
25.9.20 32C7:14 Resistance 9 ... 3543
25.9.21 32C7:15 Temperature Sensor Id ... 3543
25.10 32C8:x LinearMotor thermal model ... 3544
25.10.1 32C8:01 Motor thermal time constant ... 3544
25.10.2 32C8:02 Winding thermal time constant ... 3544
25.10.3 32C8:03 Warning limit ... 3544
25.10.4 32C8:04 Error limit ... 3545
25.10.5 32C8:05 Reaction ... 3545
25.10.6 32C8:06 Partial fraction factor ... 3546
25.10.7 32C8:07 Model type ... 3546
25.11 32C9:x LinearMotor rotor slowdown procedure parameter ... 3547
25.11.1 32C9:06 Activation time ... 3547
25.11.2 32C9:0A Wait time after braking ... 3547
25.12 32CA:x LinearMotor info ... 3548
25.12.1 32CA:01 Vendor ... 3548
25.12.2 32CA:02 Order code ... 3548
25.12.3 32CA:03 Electric type ... 3548
25.12.4 32CA:04 Serial number ... 3549
25.12.5 32CA:05 Feedback serial number ... 3549
25.13 32CC:x LinearMotor inductance characteristic ... 3550
25.13.1 32CC:01 Current 0 ... 3550
25.13.2 32CC:02 Current 1 ... 3550
25.13.3 32CC:03 Current 2 ... 3550
25.13.4 32CC:04 Current 3 ... 3551
25.13.5 32CC:05 Current 4 ... 3551
25.13.6 32CC:06 Current 5 ... 3551
25.13.7 32CC:07 Current 6 ... 3552
25.13.8 32CC:08 Current 7 ... 3552
25.13.9 32CC:09 Current 8 ... 3552
25.13.10 32CC:0A Current 9 ... 3553
25.13.11 32CC:0B Inductance 0 ... 3553
25.13.12 32CC:0C Inductance 1 ... 3553
25.13.13 32CC:0D Inductance 2 ... 3554
25.13.14 32CC:0E Inductance 3 ... 3554
25.13.15 32CC:0F Inductance 4 ... 3554
25.13.16 32CC:10 Inductance 5 ... 3554

25.13.1 32CC:11 Inductance 6 ... 3555
7
25.13.1 32CC:12 Inductance 7 ... 3555
8
25.13.1 32CC:13 Inductance 8 ... 3555
9
25.13.2 32CC:14 Inductance 9 ... 3556
0
25.14 32CD:x LinearMotor commutation offset command ... 3557
25.14.1 32CD:01 Command ... 3557
25.14.2 32CD:02 Status ... 3557
25.14.3 32CD:03 Response ... 3560
25.15 32CE:x LinearMotor commutation offset command parameters ... 3561
25.15.1 32CE:01 Static current vector: Method ... 3561
25.15.2 32CE:02 Static current vector: Current level ... 3561
25.15.3 32CE:03 Static current vector: Current slope ... 3562
25.15.4 32CE:04 Static current vector: Duration ... 3562
25.15.5 32CE:05 Static current vector: Initial moving distance per pole pair ... 3562
25.15.6 32CE:06 Static current vector: Test sequence moving distance per pole pair ... 3563
25.15.7 32CE:07 Static current vector: Velocity per pole pair ... 3563
25.16 32D1:x LinearMotor field weakening parameter ... 3564
25.16.1 32D1:01 Mode ... 3564
25.16.2 32D1:02 Current ratio ... 3564
25.16.3 32D1:03 Voltage utilization ... 3565
25.16.4 32D1:04 Integral action time ... 3565
25.16.5 32D1:05 Max field weakening current ... 3565
25.17 32D3:x LinearMotor cogging compensation parameter ... 3566
25.17.1 32D3:01 Control ... 3566
25.17.2 32D3:02 Gain ... 3566
25.17.3 32D3:03 Force limit ... 3567
25.17.4 32D3:04 Dead time offset ... 3567
25.17.5 32D3:05 Fading out start velocity ... 3567
25.17.6 32D3:06 Fading out end velocity ... 3567
25.17.7 32D3:07 Connected TcCOM Object: Id ... 3568
25.17.8 32D3:08 Connected TcCOM Object: Version ... 3568
25.17.9 32D3:09 Active fading out start velocity ... 3568
25.17.1 32D3:0A Active fading out end velocity ... 3569
0
25.18 32D4:x LinearMotor cogging compensation actual values ... 3570
25.18.1 32D4:01 Status ... 3570
25.18.2 32D4:02 Actual compensation force ... 3570
25.18.3 32D4:03 Position difference ... 3571
25.18.4 32D4:04 Data0 ... 3571
25.19 32D5:x LinearMotor cogging compensation demand values ... 3572
25.19.1 32D5:01 Data0 ... 3572
25.19.2 32D5:02 Data1 ... 3572
25.19.3 32D5:03 Data2 ... 3573
25.19.4 32D5:04 Data3 ... 3573

25.19.5 32D5:05 Data4 3573
25.20 32DF LinearMotor control mode 3574
25.21 6075 Motor standstill current 3575
25.22 6076 Motor standstill force 3576
25.23 6080 Max motor speed 3577

26 Objects of module VoiceCoilMotor 3578
26.1 1A00:x VoiceCoilMotor Inputs 3578
26.2 1AE0:x VoiceCoilMotor Dynamic Inputs 3579
26.3 32C0:x VoiceCoilMotor parameters 3580
26.3.1 32C0:01 Configured motor type 3580
26.3.2 32C0:03 Motor peak current 3580
26.3.3 32C0:04 Motor nominal voltage 3580
26.3.4 32C0:05 Motor max voltage 3581
26.3.5 32C0:06 Winding resistance R 3581
26.3.6 32C0:08 Winding inductance L 3581
26.3.7 32C0:09 Motor warning temperature 3582
26.3.8 32C0:0A Motor shut down temperature 3582
26.3.9 32C0:0B Coil unit mass 3582
26.3.10 32C0:0C Motor rated speed 3583
26.3.11 32C0:0D Motor rated force 3583
26.3.12 32C0:0F Motor temperature sensor connection 3583
26.3.13 32C0:10 Motor max voltage slope 3584
26.3.14 32C0:17 Motor peak force 3584
26.4 32C1:x VoiceCoilMotor actual values 3585
26.4.1 32C1:01 Actual motor I2T current limit 3585
26.4.2 32C1:05 Motor I2T limitation active 3585
26.4.3 32C1:06 Actual motor temperature 3586
26.5 32C2:x VoiceCoilMotor force characteristic 3587
26.5.1 32C2:01 Current 1 3587
26.5.2 32C2:02 Current 2 3587
26.5.3 32C2:03 Current 3 3588
26.5.4 32C2:04 Force 1 3588
26.5.5 32C2:05 Force 2 3588
26.5.6 32C2:06 Force 3 3589
26.5.7 32C2:07 Coeff A1 3589
26.5.8 32C2:08 Coeff A2 3589
26.5.9 32C2:09 Coeff A3 3590
26.6 32C7:x VoiceCoilMotor temperature sensor characteristic 3591
26.6.1 32C7:01 Temperature 0 3591
26.6.2 32C7:02 Temperature 1 3591
26.6.3 32C7:03 Temperature 2 3591
26.6.4 32C7:04 Temperature 3 3592
26.6.5 32C7:05 Temperature 4 3592
26.6.6 32C7:06 Temperature 5 3592
26.6.7 32C7:07 Temperature 6 3593
26.6.8 32C7:08 Temperature 7 3593

26.6.9 32C7:09 Temperature 8 ... 3593
26.6.10 32C7:0A Temperature 9 ... 3594
26.6.11 32C7:0B Resistance 0 ... 3594
26.6.12 32C7:0C Resistance 1 ... 3594
26.6.13 32C7:0D Resistance 2 ... 3595
26.6.14 32C7:0E Resistance 3 ... 3595
26.6.15 32C7:0F Resistance 4 ... 3595
26.6.16 32C7:10 Resistance 5 ... 3595
26.6.17 32C7:11 Resistance 6 ... 3596
26.6.18 32C7:12 Resistance 7 ... 3596
26.6.19 32C7:13 Resistance 8 ... 3596
26.6.20 32C7:14 Resistance 9 ... 3597
26.6.21 32C7:15 Temperature Sensor Id ... 3597
26.7 32C9:x VoiceCoilMotor rotor slowdown procedure parameter ... 3598
26.7.1 32C9:06 Activation time ... 3598
26.7.2 32C9:0A Wait time after braking ... 3598
26.8 32CA:x VoiceCoilMotor info ... 3599
26.8.1 32CA:01 Vendor ... 3599
26.8.2 32CA:02 Order code ... 3599
26.8.3 32CA:03 Electric type ... 3599
26.8.4 32CA:04 Serial number ... 3600
26.8.5 32CA:05 Feedback serial number ... 3600
26.9 32CC:x VoiceCoilMotor inductance characteristic ... 3601
26.9.1 32CC:01 Current 0 ... 3601
26.9.2 32CC:02 Current 1 ... 3601
26.9.3 32CC:03 Current 2 ... 3601
26.9.4 32CC:04 Current 3 ... 3602
26.9.5 32CC:05 Current 4 ... 3602
26.9.6 32CC:06 Current 5 ... 3602
26.9.7 32CC:07 Current 6 ... 3603
26.9.8 32CC:08 Current 7 ... 3603
26.9.9 32CC:09 Current 8 ... 3603
26.9.10 32CC:0A Current 9 ... 3604
26.9.11 32CC:0B Inductance 0 ... 3604
26.9.12 32CC:0C Inductance 1 ... 3604
26.9.13 32CC:0D Inductance 2 ... 3605
26.9.14 32CC:0E Inductance 3 ... 3605
26.9.15 32CC:0F Inductance 4 ... 3605
26.9.16 32CC:10 Inductance 5 ... 3605
26.9.17 32CC:11 Inductance 6 ... 3606
26.9.18 32CC:12 Inductance 7 ... 3606
26.9.19 32CC:13 Inductance 8 ... 3606
26.9.20 32CC:14 Inductance 9 ... 3607
26.10 32DF VoiceCoilMotor control mode ... 3608
26.11 6075 Motor standstill current ... 3609
26.12 6076 Motor standstill force ... 3610
26.13 6080 Max motor speed ... 3611

27 Objects of module AsynchronousMotor 3612
27.1 1600:x AsynchronousMotor Outputs 3612
27.2 16E0:x AsynchronousMotor Dynamic Outputs 3613
27.3 1A00:x AsynchronousMotor Inputs 3614
27.4 1AE0:x AsynchronousMotor Dynamic Inputs 3615
27.5 32C0:x AsynchronousMotor parameters 3616
27.5.1 32C0:01 Configured motor type 3616
27.5.2 32C0:02 Pole pairs 3616
27.5.3 32C0:03 Motor peak current 3616
27.5.4 32C0:04 Motor nominal voltage 3617
27.5.5 32C0:05 Motor max voltage 3617
27.5.6 32C0:09 Motor warning temperature 3617
27.5.7 32C0:0A Motor shut down temperature 3618
27.5.8 32C0:0B Motor moment of inertia 3618
27.5.9 32C0:0C Motor rated speed 3618
27.5.10 32C0:0D Motor rated torque 3619
27.5.11 32C0:0F Motor temperature sensor connection 3619
27.5.12 32C0:10 Motor max voltage slope 3620
27.5.13 32C0:11 Max motor speed with max torque 3620
27.5.14 32C0:12 Motor nominal frequency 3620
27.5.15 32C0:13 Motor rotor time constant 3621
27.5.16 32C0:14 Motor power factor 3621
27.5.17 32C0:15 Motor magnetizing current 3621
27.5.18 32C0:18 Uf control mode 3622
27.5.19 32C0:1A reserved_8 3622
27.5.20 32C0:1B reserved_9 3622
27.6 32C1:x AsynchronousMotor actual values 3623
27.6.1 32C1:01 Actual motor I2T current limit 3623
27.6.2 32C1:02 Thermal motor utilization 3623
27.6.3 32C1:03 Estimated motor copper losses 3623
27.6.4 32C1:04 Estimated motor iron losses 3624
27.6.5 32C1:05 Motor I2T limitation active 3624
27.6.6 32C1:06 Actual motor temperature 3624
27.6.7 32C1:07 VelocityVoltageGain 3625
27.6.8 32C1:08 Stall protection velocity reduction 3625
27.6.9 32C1:09 Acceleration protection acceleration/deceleration reduction limit 3625
27.6.10 32C1:0A Slip actual value 3626
27.6.11 32C1:0C reserved_2 3626
27.6.12 32C1:0D Voltage controller demand value 3626
27.6.13 32C1:0E Voltage controller actual value 3627
27.6.14 32C1:0F reserved_3 3627
27.7 32C3:x AsynchronousMotor parameters mappable 3628
27.7.1 32C3:01 Boost voltage 3628
27.7.2 32C3:02 Additional voltage scaling factor 3628
27.7.3 32C3:03 Voltage offset and gain adjustment 3628
27.7.4 32C3:04 Uf curve shift 3629

27.8 32C4:x AsynchronousMotor acceleration protection parameters 3630
27.8.1 32C4:01 Enable 3630
27.8.2 32C4:02 Current limit value 3630
27.8.3 32C4:03 Proportional gain 3631
27.8.4 32C4:04 Integration time 3631
27.8.5 32C4:05 Lowest acceleration protection acceleration/deceleration reduction limit 3631
27.9 32C5:x AsynchronousMotor stall protection parameters 3632
27.9.1 32C5:01 Enable 3632
27.9.2 32C5:02 Current limit value 3632
27.9.3 32C5:03 Proportional gain 3633
27.9.4 32C5:04 Integration time 3633
27.10 32C7:x AsynchronousMotor temperature sensor characteristic 3634
27.10.1 32C7:01 Temperature 0 3634
27.10.2 32C7:02 Temperature 1 3634
27.10.3 32C7:03 Temperature 2 3634
27.10.4 32C7:04 Temperature 3 3635
27.10.5 32C7:05 Temperature 4 3635
27.10.6 32C7:06 Temperature 5 3635
27.10.7 32C7:07 Temperature 6 3636
27.10.8 32C7:08 Temperature 7 3636
27.10.9 32C7:09 Temperature 8 3636
27.10.10 32C7:0A Temperature 9 3637
27.10.11 32C7:0B Resistance 0 3637
27.10.12 32C7:0C Resistance 1 3637
27.10.13 32C7:0D Resistance 2 3638
27.10.14 32C7:0E Resistance 3 3638
27.10.15 32C7:0F Resistance 4 3638
27.10.16 32C7:10 Resistance 5 3638
27.10.17 32C7:11 Resistance 6 3639
27.10.18 32C7:12 Resistance 7 3639
27.10.19 32C7:13 Resistance 8 3639
27.10.20 32C7:14 Resistance 9 3640
27.10.21 32C7:15 Temperature Sensor Id 3640
27.11 32C8:x AsynchronousMotor thermal model 3641
27.11.1 32C8:01 Motor thermal time constant 3641
27.11.2 32C8:02 Winding thermal time constant 3641
27.11.3 32C8:03 Warning limit 3641
27.11.4 32C8:04 Error limit 3642

27.11.5 32C8:05 Reaction ... 3642
27.11.6 32C8:06 Partial fraction factor ... 3643
27.12 32C9:x AsynchronousMotor rotor slowdown procedure parameter ... 3644
27.12.1 32C9:01 Available for ... 3644
27.12.2 32C9:02 Command mode ... 3644
27.12.3 32C9:03 Current level ... 3645
27.12.4 32C9:04 Current slope ... 3645
27.12.5 32C9:05 Wait time before braking ... 3645
27.12.6 32C9:06 First phase activation time with f=f1 ... 3646
27.12.7 32C9:07 Rotary field frequency f1 ... 3646
27.12.8 32C9:08 Rotor slowdown mode ... 3646
27.12.9 32C9:09 Second phase activation time with f=0Hz ... 3647
27.12.10 32C9:0A Wait time after braking ... 3647
27.13 32CA:x AsynchronousMotor info ... 3648
27.13.1 32CA:01 Vendor ... 3648
27.13.2 32CA:02 Order code ... 3648
27.13.3 32CA:03 Electric type ... 3648
27.13.4 32CA:04 Serial number ... 3649
27.13.5 32CA:05 Feedback serial number ... 3649
27.14 32D1:x AsynchronousMotor field weakening parameter ... 3650
27.14.1 32D1:01 Mode ... 3650
27.14.2 32D1:02 Current ratio ... 3650
27.14.3 32D1:03 Voltage utilization ... 3651
27.14.4 32D1:04 Integral action time ... 3651
27.14.5 32D1:05 Max field weakening current ... 3651
27.15 32D2:x AsynchronousMotor voltage characteristic ... 3652
27.15.1 32D2:01 Speed 0 ... 3652
27.15.2 32D2:02 Speed 1 ... 3652
27.15.3 32D2:03 Speed 2 ... 3652
27.15.4 32D2:04 Speed 3 ... 3653
27.15.5 32D2:05 Speed 4 ... 3653
27.15.6 32D2:06 Speed 5 ... 3653
27.15.7 32D2:07 Speed 6 ... 3654
27.15.8 32D2:08 Speed 7 ... 3654
27.15.9 32D2:09 Speed 8 ... 3654
27.15.10 32D2:0A Speed 9 ... 3655
27.15.11 32D2:0B Voltage 0 ... 3655
27.15.12 32D2:0C Voltage 1 ... 3655
27.15.13 32D2:0D Voltage 2 ... 3656
27.15.14 32D2:0E Voltage 3 ... 3656
27.15.15 32D2:0F Voltage 4 ... 3656

27.15.1 32D2:10 Voltage 5 ... 3656
27.15.1 32D2:11 Voltage 6 ... 3657
27.15.1 32D2:12 Voltage 7 ... 3657
27.15.1 32D2:13 Voltage 8 ... 3657
27.15.2 32D2:14 Voltage 9 ... 3658
27.16 32DF AsynchronousMotor control mode ... 3659
27.17 6075 Motor standstill current ... 3660
27.18 6076 Motor standstill torque ... 3661
27.19 6080 Max motor speed ... 3662
28 Objects of module AxisDebug ... 3663
28.1 1600:x AxisDebug Outputs ... 3663
28.2 16E0:x AxisDebug Dynamic Outputs ... 3664
28.3 1A00:x AxisDebug Inputs ... 3665
28.4 1AE0:x AxisDebug Dynamic Inputs ... 3666
28.5 33E1:x Memory000 ... 3667
28.6 33E2:x Memory400 ... 3668
28.7 33E3:x Memory800 ... 3669
28.8 33E4:x MemoryC00 ... 3670
28.9 33E5:x DebugIn ... 3671
28.9.1 33E5:02 InDebugf1 ... 3671
28.9.2 33E5:03 InDebugf2 ... 3671
28.9.3 33E5:04 InDebugf3 ... 3671
28.9.4 33E5:05 InDebugf4 ... 3672
28.10 33E6:x DebugOut ... 3673
28.10.1 33E6:02 OutDebug1 ... 3673
28.10.2 33E6:03 OutDebug2 ... 3673
28.10.3 33E6:04 OutDebug3 ... 3673
28.10.4 33E6:05 OutDebug4 ... 3674
28.11 33E7:x DynTestIn ... 3675
28.11.1 33E7:01 In32 ... 3675
28.12 33E8:x DynTestOut ... 3676
28.12.1 33E8:01 Out32 ... 3676

1 Standard-Objects

1.1 1000 Device type

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1000 (Device)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	402 (0x00000192)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.2 1001 Error register

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1001 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.3 1008 Device name

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1008 (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	AX8140-0020-0000
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.4 1009 Hardware version

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1009 (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	00.00 (01.01.2000)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.5 100A Software version

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x100A (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	01.00 b0000 (1.1.2000)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.6 100B Bootloader version

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x100B (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.7 1018:x Identity

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.7.1 1018:01 Vendor ID

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	2 (0x00000002)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.7.2 1018:02 Product code

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	533487634 (0x1FCC6012)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.7.3 1018:03 Revision

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)

Description	Value
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.7.4 1018:04 Serial number

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.8 10E2:x Manufacturer-specific Identification Code

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10E2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.8.1 10E2:01 SubIndex 001

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10E2 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.8.2 10E2:02 SubIndex 002

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10E2 (Device)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9 10F3:x Diagnosis History

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	105 (0x69)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.1 10F3:01 Maximum Messages

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.2 10F3:02 Newest Message

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.3 10F3:03 Newest Acknowledged Message

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)

Description	Value
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.9.4 10F3:04 New Messages Available

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.5 10F3:05 Flags

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.9.6 10F3:06 Diagnosis Message 001

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.7 10F3:07 Diagnosis Message 002

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x07
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.8 10F3:08 Diagnosis Message 003

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x08
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.9 10F3:09 Diagnosis Message 004

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x09
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.9.10 10F3:0A Diagnosis Message 005

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.11 10F3:0B Diagnosis Message 006

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.12 10F3:0C Diagnosis Message 007

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.13 10F3:0D Diagnosis Message 008

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.14 10F3:0E Diagnosis Message 009

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.15 10F3:0F Diagnosis Message 010

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.16 10F3:10 Diagnosis Message 011

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)

Description	Value
Subindex	0x10
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.17 10F3:11 Diagnosis Message 012

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x11
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.18 10F3:12 Diagnosis Message 013

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x12
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.19 10F3:13 Diagnosis Message 014

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x13
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.20 10F3:14 Diagnosis Message 015

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x14
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.21 10F3:15 Diagnosis Message 016

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x15
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.22 10F3:16 Diagnosis Message 017

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x16
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.9.23 10F3:17 Diagnosis Message 018

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x17
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.24 10F3:18 Diagnosis Message 019

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.25 10F3:19 Diagnosis Message 020

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x19
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.26 10F3:1A Diagnosis Message 021

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.27 10F3:1B Diagnosis Message 022

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.28 10F3:1C Diagnosis Message 023

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.29 10F3:1D Diagnosis Message 024

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)

Description	Value
Subindex	0x1D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.30 10F3:1E Diagnosis Message 025

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.31 10F3:1F Diagnosis Message 026

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.32 10F3:20 Diagnosis Message 027

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x20
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.33 10F3:21 Diagnosis Message 028

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x21
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.34 10F3:22 Diagnosis Message 029

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x22
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.35 10F3:23 Diagnosis Message 030

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x23
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.9.36 10F3:24 Diagnosis Message 031

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x24
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.37 10F3:25 Diagnosis Message 032

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x25
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.38 10F3:26 Diagnosis Message 033

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x26
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.39 10F3:27 Diagnosis Message 034

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x27
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.40 10F3:28 Diagnosis Message 035

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x28
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.41 10F3:29 Diagnosis Message 036

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x29
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.42 10F3:2A Diagnosis Message 037

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)

Description	Value
Subindex	0x2A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.43 10F3:2B Diagnosis Message 038

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.44 10F3:2C Diagnosis Message 039

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.45 10F3:2D Diagnosis Message 040

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2D
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.46 10F3:2E Diagnosis Message 041

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.47 10F3:2F Diagnosis Message 042

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.48 10F3:30 Diagnosis Message 043

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x30
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.9.49 10F3:31 Diagnosis Message 044

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x31
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.50 10F3:32 Diagnosis Message 045

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x32
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.51 10F3:33 Diagnosis Message 046

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x33
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.52 10F3:34 Diagnosis Message 047

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x34
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.53 10F3:35 Diagnosis Message 048

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x35
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.54 10F3:36 Diagnosis Message 049

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x36
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.55 10F3:37 Diagnosis Message 050

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)

Description	Value
Subindex	0x37
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.56 10F3:38 Diagnosis Message 051

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x38
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.57 10F3:39 Diagnosis Message 052

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x39
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.58 10F3:3A Diagnosis Message 053

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3A
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.59 10F3:3B Diagnosis Message 054

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.60 10F3:3C Diagnosis Message 055

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.61 10F3:3D Diagnosis Message 056

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.9.62 10F3:3E Diagnosis Message 057

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.63 10F3:3F Diagnosis Message 058

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.64 10F3:40 Diagnosis Message 059

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x40
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.65 10F3:41 Diagnosis Message 060

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x41
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.66 10F3:42 Diagnosis Message 061

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x42
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.67 10F3:43 Diagnosis Message 062

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x43
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.68 10F3:44 Diagnosis Message 063

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)

Description	Value
Subindex	0x44
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.69 10F3:45 Diagnosis Message 064

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x45
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.70 10F3:46 Diagnosis Message 065

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x46
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.71 10F3:47 Diagnosis Message 066

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x47
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.72 10F3:48 Diagnosis Message 067

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x48
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.73 10F3:49 Diagnosis Message 068

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x49
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.74 10F3:4A Diagnosis Message 069

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.9.75 10F3:4B Diagnosis Message 070

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.76 10F3:4C Diagnosis Message 071

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.77 10F3:4D Diagnosis Message 072

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.78 10F3:4E Diagnosis Message 073

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.79 10F3:4F Diagnosis Message 074

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.80 10F3:50 Diagnosis Message 075

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x50
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.81 10F3:51 Diagnosis Message 076

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)

Description	Value
Subindex	0x51
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.82 10F3:52 Diagnosis Message 077

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x52
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.83 10F3:53 Diagnosis Message 078

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x53
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.84 10F3:54 Diagnosis Message 079

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x54
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.85 10F3:55 Diagnosis Message 080

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x55
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.86 10F3:56 Diagnosis Message 081

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x56
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.87 10F3:57 Diagnosis Message 082

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x57
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.9.88 10F3:58 Diagnosis Message 083

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x58
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.89 10F3:59 Diagnosis Message 084

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x59
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.90 10F3:5A Diagnosis Message 085

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.91 10F3:5B Diagnosis Message 086

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.92 10F3:5C Diagnosis Message 087

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.93 10F3:5D Diagnosis Message 088

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.94 10F3:5E Diagnosis Message 089

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)

Description	Value
Subindex	0x5E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.95 10F3:5F Diagnosis Message 090

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.96 10F3:60 Diagnosis Message 091

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x60
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.97 10F3:61 Diagnosis Message 092

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x61
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.98 10F3:62 Diagnosis Message 093

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x62
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.99 10F3:63 Diagnosis Message 094

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x63
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.100 10F3:64 Diagnosis Message 095

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x64
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.9.101 10F3:65 Diagnosis Message 096

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x65
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.102 10F3:66 Diagnosis Message 097

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x66
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.103 10F3:67 Diagnosis Message 098

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x67
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.104 10F3:68 Diagnosis Message 099

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x68
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.9.105 10F3:69 Diagnosis Message 100

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x69
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.10 10F8 Timestamp Object

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F8 (Device)
Subindex	0x00
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.11 1C00:x Sync manager type

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.11.1 1C00:01 SubIndex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.11.2 1C00:02 SubIndex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.11.3 1C00:03 SubIndex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)

Description	Value
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.11.4 1C00:04 SubIndex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.11.5 1C00:05 SubIndex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.11.6 1C00:06 SubIndex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	6 (0x06)

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.12 1C12:x RxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.1 1C12:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	5632 (0x1600)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.2 1C12:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	5664 (0x1620)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.3 1C12:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	5667 (0x1623)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.4 1C12:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.5 1C12:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.6 1C12:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.7 1C12:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.8 1C12:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.9 1C12:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	

Description	Value
Revision	All

1.12.10 1C12:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.11 1C12:0B Subindex 011

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.12 1C12:0C Subindex 012

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.13 1C12:0D Subindex 013

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.12.14 1C12:0E Subindex 014

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13 1C13:x TxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.1 1C13:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	6688 (0x1A20)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.2 1C13:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	6694 (0x1A26)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.3 1C13:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.4 1C13:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.5 1C13:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.6 1C13:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.7 1C13:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.8 1C13:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.9 1C13:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	

Description	Value
Revision	All

1.13.10 1C13:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.11 1C13:0B Subindex 011

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.12 1C13:0C Subindex 012

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.13 1C13:0D Subindex 013

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.14 1C13:0E Subindex 014

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.15 1C13:0F Subindex 015

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.16 1C13:10 Subindex 016

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)

Description	Value
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.17 1C13:11 Subindex 017

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.18 1C13:12 Subindex 018

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.19 1C13:13 Subindex 019

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.20 1C13:14 Subindex 020

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.21 1C13:15 Subindex 021

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.22 1C13:16 Subindex 022

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	

Description	Value
Revision	All

1.13.23 1C13:17 Subindex 023

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.24 1C13:18 Subindex 024

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.25 1C13:19 Subindex 025

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.26 1C13:1A Subindex 026

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.27 1C13:1B Subindex 027

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.28 1C13:1C Subindex 028

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.29 1C13:1D Subindex 029

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)

Description	Value
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.30 1C13:1E Subindex 030

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.31 1C13:1F Subindex 031

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.13.32 1C13:20 Subindex 032

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

1.14 1C14:x Dynamic RxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.1 1C14:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.2 1C14:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.3 1C14:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.4 1C14:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.5 1C14:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.6 1C14:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.7 1C14:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.8 1C14:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.9 1C14:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

1.14.10 1C14:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.11 1C14:0B Subindex 011

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.12 1C14:0C Subindex 012

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.13 1C14:0D Subindex 013

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.14.14 1C14:0E Subindex 014

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15 1C15:x Dynamic TxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.1 1C15:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.2 1C15:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.3 1C15:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.4 1C15:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.5 1C15:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.6 1C15:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.7 1C15:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.8 1C15:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.9 1C15:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

1.15.10 1C15:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.11 1C15:0B Subindex 011

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.12 1C15:0C Subindex 012

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.13 1C15:0D Subindex 013

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.14 1C15:0E Subindex 014

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.15 1C15:0F Subindex 015

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.16 1C15:10 Subindex 016

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)

Description	Value
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.17 1C15:11 Subindex 017

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.18 1C15:12 Subindex 018

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.19 1C15:13 Subindex 019

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.20 1C15:14 Subindex 020

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.21 1C15:15 Subindex 021

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.22 1C15:16 Subindex 022

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

1.15.23 1C15:17 Subindex 023

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.24 1C15:18 Subindex 024

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.25 1C15:19 Subindex 025

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.26 1C15:1A Subindex 026

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.27 1C15:1B Subindex 027

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.28 1C15:1C Subindex 028

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.29 1C15:1D Subindex 029

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)

Description	Value
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.30 1C15:1E Subindex 030

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.31 1C15:1F Subindex 031

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.15.32 1C15:20 Subindex 032

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.16 1C32:x SM output parameter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	32 (0x20)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.1 1C32:01 Sync mode

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.2 1C32:02 Cycle time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.3 1C32:03 Shift time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)

Description	Value
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.4 1C32:04 Sync modes supported

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.5 1C32:05 Minimum cycle time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.6 1C32:06 Calc and copy time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.7 1C32:07 Minimum delay time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.8 1C32:08 Command

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.16.9 1C32:09 Maximum delay time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.16.10 1C32:0B SM event missed counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.11 1C32:0C Cycle exceeded counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.12 1C32:0D Shift too short counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.16.13 1C32:20 Sync error

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17 1C33:x SM input parameter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	32 (0x20)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.1 1C33:01 Sync mode

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.2 1C33:02 Cycle time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.3 1C33:03 Shift time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)

Description	Value
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.4 1C33:04 Sync modes supported

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.5 1C33:05 Minimum cycle time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.6 1C33:06 Calc and copy time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.7 1C33:07 Minimum delay time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.8 1C33:08 Command

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.17.9 1C33:09 Maximum delay time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.17.10 1C33:0B SM event missed counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.11 1C33:0C Cycle exceeded counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.12 1C33:0D Shift too short counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.17.13 1C33:20 Sync error

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.18 F008 Code word

Description	Value
Index	0xF008 (Device)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.19 F009 Password protection

Description	Value
Index	0xF009 (Device)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20 F030:x Configured modules

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	64 (0x40)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.1 F030:01 SubIndex 001

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	7012452 (0x006B0064)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.2 F030:02 SubIndex 002

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.3 F030:03 SubIndex 003

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)

Description	Value
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.4 F030:04 SubIndex 004

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.5 F030:05 SubIndex 005

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.6 F030:06 SubIndex 006

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.7 F030:07 SubIndex 007

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.8 F030:08 SubIndex 008

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.9 F030:09 SubIndex 009

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

1.20.10 F030:0A SubIndex 010

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.11 F030:0B SubIndex 011

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.12 F030:0C SubIndex 012

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.13 F030:0D SubIndex 013

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.14 F030:0E SubIndex 014

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.15 F030:0F SubIndex 015

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.16 F030:10 SubIndex 016

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)

Description	Value
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.17 F030:11 SubIndex 017

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.18 F030:12 SubIndex 018

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.19 F030:13 SubIndex 019

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.20 F030:14 SubIndex 020

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.21 F030:15 SubIndex 021

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x15
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.22 F030:16 SubIndex 022

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

1.20.23 F030:17 SubIndex 023

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x17
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.24 F030:18 SubIndex 024

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.25 F030:19 SubIndex 025

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x19
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.26 F030:1A SubIndex 026

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.27 F030:1B SubIndex 027

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.28 F030:1C SubIndex 028

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.29 F030:1D SubIndex 029

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)

Description	Value
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.30 F030:1E SubIndex 030

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.31 F030:1F SubIndex 031

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.32 F030:20 SubIndex 032

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x20
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.33 F030:21 SubIndex 033

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x21
Datatype	UINT32
Min. Value	
Default	7013352 (0x006B03E8)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.34 F030:22 SubIndex 034

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x22
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.35 F030:23 SubIndex 035

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x23
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

1.20.36 F030:24 SubIndex 036

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x24
Datatype	UINT32
Min. Value	
Default	7015352 (0x006B0BB8)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.37 F030:25 SubIndex 037

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x25
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.38 F030:26 SubIndex 038

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x26
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.39 F030:27 SubIndex 039

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x27
Datatype	UINT32
Min. Value	
Default	7018352 (0x006B1770)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.40 F030:28 SubIndex 040

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x28
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.41 F030:29 SubIndex 041

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x29
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.42 F030:2A SubIndex 042

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)

Description	Value
Subindex	0x2A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.43 F030:2B SubIndex 043

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2B
Datatype	UINT32
Min. Value	
Default	7022352 (0x006B2710)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.44 F030:2C SubIndex 044

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.45 F030:2D SubIndex 045

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2D
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.46 F030:2E SubIndex 046

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.47 F030:2F SubIndex 047

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.48 F030:30 SubIndex 048

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x30
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

1.20.49 F030:31 SubIndex 049

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x31
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.50 F030:32 SubIndex 050

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x32
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.51 F030:33 SubIndex 051

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x33
Datatype	UINT32
Min. Value	
Default	7030352 (0x006B4650)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.52 F030:34 SubIndex 052

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x34
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.53 F030:35 SubIndex 053

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x35
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.54 F030:36 SubIndex 054

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x36
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.55 F030:37 SubIndex 055

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)

Description	Value
Subindex	0x37
Datatype	UINT32
Min. Value	
Default	7034352 (0x006B55F0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.56 F030:38 SubIndex 056

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x38
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.57 F030:39 SubIndex 057

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x39
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.58 F030:3A SubIndex 058

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3A
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.59 F030:3B SubIndex 059

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.60 F030:3C SubIndex 060

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.61 F030:3D SubIndex 061

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

1.20.62 F030:3E SubIndex 062

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.63 F030:3F SubIndex 063

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.20.64 F030:40 SubIndex 064

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x40
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.21 F050:x Detected modules

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	64 (0x40)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.1 F050:01 SubIndex 001

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	7012452 (0x006B0064)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.2 F050:02 SubIndex 002

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.3 F050:03 SubIndex 003

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)

Description	Value
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.4 F050:04 SubIndex 004

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.5 F050:05 SubIndex 005

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.6 F050:06 SubIndex 006

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.7 F050:07 SubIndex 007

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.8 F050:08 SubIndex 008

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.9 F050:09 SubIndex 009

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.21.10 F050:0A SubIndex 010

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.11 F050:0B SubIndex 011

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.12 F050:0C SubIndex 012

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.13 F050:0D SubIndex 013

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.14 F050:0E SubIndex 014

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.15 F050:0F SubIndex 015

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.16 F050:10 SubIndex 016

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)

Description	Value
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.17 F050:11 SubIndex 017

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.18 F050:12 SubIndex 018

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.19 F050:13 SubIndex 019

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.20 F050:14 SubIndex 020

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.21 F050:15 SubIndex 021

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x15
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.22 F050:16 SubIndex 022

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.21.23 F050:17 SubIndex 023

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x17
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.24 F050:18 SubIndex 024

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.25 F050:19 SubIndex 025

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x19
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.26 F050:1A SubIndex 026

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.27 F050:1B SubIndex 027

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.28 F050:1C SubIndex 028

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.29 F050:1D SubIndex 029

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)

Description	Value
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.30 F050:1E SubIndex 030

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.31 F050:1F SubIndex 031

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.32 F050:20 SubIndex 032

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x20
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.33 F050:21 SubIndex 033

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x21
Datatype	UINT32
Min. Value	
Default	7013352 (0x006B03E8)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.34 F050:22 SubIndex 034

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x22
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.35 F050:23 SubIndex 035

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x23
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.21.36 F050:24 SubIndex 036

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x24
Datatype	UINT32
Min. Value	
Default	7015352 (0x006B0BB8)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.37 F050:25 SubIndex 037

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x25
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.38 F050:26 SubIndex 038

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x26
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.39 F050:27 SubIndex 039

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x27
Datatype	UINT32
Min. Value	
Default	7018352 (0x006B1770)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.40 F050:28 SubIndex 040

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x28
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.41 F050:29 SubIndex 041

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x29
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.42 F050:2A SubIndex 042

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)

Description	Value
Subindex	0x2A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.43 F050:2B SubIndex 043

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2B
Datatype	UINT32
Min. Value	
Default	7022352 (0x006B2710)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.44 F050:2C SubIndex 044

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.45 F050:2D SubIndex 045

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2D
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.46 F050:2E SubIndex 046

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.47 F050:2F SubIndex 047

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.48 F050:30 SubIndex 048

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x30
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.21.49 F050:31 SubIndex 049

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x31
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.50 F050:32 SubIndex 050

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x32
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.51 F050:33 SubIndex 051

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x33
Datatype	UINT32
Min. Value	
Default	7030352 (0x006B4650)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.52 F050:34 SubIndex 052

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x34
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.53 F050:35 SubIndex 053

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x35
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.54 F050:36 SubIndex 054

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x36
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.55 F050:37 SubIndex 055

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)

Description	Value
Subindex	0x37
Datatype	UINT32
Min. Value	
Default	7034352 (0x006B55F0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.56 F050:38 SubIndex 056

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x38
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.57 F050:39 SubIndex 057

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x39
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.58 F050:3A SubIndex 058

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3A
Datatype	UINT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.59 F050:3B SubIndex 059

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.60 F050:3C SubIndex 060

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.61 F050:3D SubIndex 061

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

1.21.62 F050:3E SubIndex 062

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.63 F050:3F SubIndex 063

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.21.64 F050:40 SubIndex 064

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x40
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.22 F083 BTN

Description	Value
Index	0xF083 (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.23 FB00:x Command

Description	Value
Index	0xFB00 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.23.1 FB00:01 Request

Description	Value
Index	0xFB00 (Device)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.23.2 FB00:02 Status

Description	Value
Index	0xFB00 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.23.3 FB00:03 Response

Description	Value
Index	0xFB00 (Device)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.24 FB40:x Memory interface

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xFB40 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

1.24.1 FB40:01 Address

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xFB40 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.24.2 FB40:02 Length

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xFB40 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

1.24.3 FB40:03 Data

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xFB40 (Device)

Description	Value
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Transmit
Revision	All

2 Objects of module DeviceMain

2.1 1600:x DeviceMain Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1600 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

2.2 16E0:x DeviceMain Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x16E0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

2.3 1A00:x DeviceMain Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1A00 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

2.4 1AE0:x DeviceMain Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1AE0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

2.5 2C00:x InputPDO1

This object contains manufacturer specific cyclic Writedata to the module DeviceMain.

Description	Value
Index	0x2C00 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.5.1 2C00:01 Power supply controlword

This object shall be linked to the Statusword of the connected PowerSupply device. (I.e. AX8620)

Description	Value
Index	0x2C00 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

2.6 2C01:x DeviceMain actual values

This object contains manufacturer specific actual Values from the Module DeviceMain.

Description	Value
Index	0x2C01 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.6.1 2C01:01 Auxiliary voltage

This object provides the actual value of the auxiliary voltage (nom. 24V).

Description	Value
Index	0x2C01 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

2.6.2 2C01:02 Sync lost counter

This object provides a diagnosis info about the number of Sync1 cycles without an output event.

Description	Value
Index	0x2C01 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

2.7 2C02:x DeviceMain parameters

This object contains not mappable parameters of the DeviceMain module.

Description	Value
Index	0x2C02 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.7.1 2C02:01 Min DC link voltage

This object can be used to configure the minimal DC link voltage. Operating the drive with an actual DC link voltage below the configured value causes an error.

Description	Value
Index	0x2C02 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	0
Default	400 (0x0190)
Max. Value	500 (0x01F4)
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

2.7.2 2C02:02 Max DC link voltage

This object can be used to configure the maximum DC link voltage. Operating the drive with an actual DC link voltage above the configured value causes an error.

Description	Value
Index	0x2C02 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	875 (0x036B)
Max. Value	875 (0x036B)
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

2.7.3 2C02:03 Device max current

This object provides the peak current of the device.

Description	Value
Index	0x2C02 (Device)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.7.4 2C02:04 Device rated current

This object provides the rated current of the device.

Description	Value
Index	0x2C02 (Device)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.7.5 2C02:05 Mains max voltage

This object configures the maximal mains voltage of the device.

Description	Value
Index	0x2C02 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	0
Default	5280 (0x14A0)
Max. Value	5280 (0x14A0)
Unit	0,1 V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

2.7.6 2C02:06 Display brightness

This object configures the display brightness in %

Description	Value
Index	0x2C02 (Device)

Description	Value
Subindex	0x06
Datatype	UINT16
Min. Value	0
Default	100 (0x0064)
Max. Value	100 (0x0064)
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

2.8 2C03:x DeviceMain power supply connection

This object contains Parameters about the Connected Power supply Device.

Description	Value
Index	0x2C03 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.8.1 2C03:01 Power supply EtherCAT Address

Please enter the EtherCAT Address of the connected Power supply device here.

Description	Value
Index	0x2C03 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

2.8.2 2C03:02 Address valid

Shall be set to TRUE internally, if the given power supply EtherCAT Address is valid.

Description	Value
Index	0x2C03 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.8.3 2C03:03 Statusword active

Shall be set to TRUE internally, if the given power supply statusword seems to be alive.

Description	Value
Index	0x2C03 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.8.4 2C03:04 Readdata valid

Shall be set to TRUE internally, if the given power supply read data is valid.

Description	Value
Index	0x2C03 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.8.5 2C03:05 Device compatible

Shall be set to TRUE internally, if the connected power supply is detected as compatible.

Description	Value
Index	0x2C03 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.8.6 2C03:06 Connection mode

This object configures the active communication with the power supply device. It is not recommended, to use this object.

Description	Value
Index	0x2C03 (Device)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	MailBoxSlave2SlaveMode_DefaultOn (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	MailBoxSlave2SlaveMode_Off
0 (0x00)	MailBoxSlave2SlaveMode_DefaultOn

2.9 2C04:x DeviceMain power supply informations

This object contains parameters about the connected power supply.

Description	Value
Index	0x2C04 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.9.1 2C04:01 Device type

Power supply device type. (Object 0x1000 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.9.2 2C04:02 Device name

Power supply device name (Object 0x1008 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.9.3 2C04:03 Hardware version

Power supply hardware version (Object 0x1009 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.9.4 2C04:04 Software version

Power supply software version (Object 0x100A read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x04
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.9.5 2C04:05 Vendor ID

Power supply vendor ID (Object 0x1018:01 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.9.6 2C04:06 Product code

Power supply product code (Object 0x1018:02 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)

Description	Value
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.9.7 2C04:07 Revision

Power supply revision (Object 0x1018:03 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.9.8 2C04:08 Serial number

Power supply serial number (Object 0x1018:04 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.9.9 2C04:09 FeatureFlags

Bit 0: Support of PWM Sync bit in the PSU Controlword that enables synchronisation of PWM of all axes behind a PSU module

Description	Value
Index	0x2C04 (Device)
Subindex	0x09

Description	Value
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.10 2C10:x DeviceMain production info ControlPcb

internal use only

Description	Value
Index	0x2C10 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	19 (0x13)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.11 2C11:x DeviceMain production info FrontPcb

internal use only

Description	Value
Index	0x2C11 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	19 (0x13)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.12 2C12:x DeviceMain production info AdditionalAxisPcb

internal use only

Description	Value
Index	0x2C12 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	19 (0x13)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.13 2C13:x DeviceMain production info DisplayPcb

internal use only

Description	Value
Index	0x2C13 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	19 (0x13)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.14 2C14:x DeviceMain production info SafetyPcb

internal use only

Description	Value
Index	0x2C14 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	19 (0x13)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.15 2C15:x DeviceMain production info CpuPcb

internal use only

Description	Value
Index	0x2C15 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	19 (0x13)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.16 2C16:x DeviceMain production info CapacitorPcb

internal use only

Description	Value
Index	0x2C16 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	19 (0x13)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.17 2C1D:x DeviceMain startup info

This object contains internal diagnosis informations.

Description	Value
Index	0x2C1D (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.17.1 2C1D:01 Startup state

This object provides diagnosis information about the generation state of the startup list.

Description	Value
Index	0x2C1D (Device)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	invalid_Key_Type_B
3 (0x03)	invalid_Key_Type_A
2 (0x02)	Drive_Manager_modified
1 (0x01)	Drive_Manager
0 (0x00)	custom

2.18 2C1E:x DeviceMain error counter

This object contains internal diagnosis informations.

Description	Value
Index	0x2C1E (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.1 2C1E:01 Motor overload shut down

This object is a counter, which increments each diagnosis message of type 'Motor overload shut down'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.2 2C1E:02 Motor overtemperature shut down

This object is a counter, which increments each diagnosis message of type 'Motor overtemperature shut down'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.3 2C1E:03 Drive overtemperature shut down

This object is a counter, which increments each diagnosis message of type 'Drive overtemperature shut down'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.4 2C1E:04 Control voltage error

This object is a counter, which increments each diagnosis message of type 'Control voltage error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.5 2C1E:05 Feedback error

This object is a counter, which increments each diagnosis message of type 'Feedback error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.6 2C1E:06 Commutation error

This object is a counter, which increments each diagnosis message of type 'Commutation error'.

Description	Value
Index	0x2C1E (Device)

Description	Value
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.7 2C1E:07 Overcurrent error

This object is a counter, which increments each diagnosis message of type 'Overcurrent error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.8 2C1E:08 Overvoltage error

This object is a counter, which increments each diagnosis message of type 'Overvoltage error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.9 2C1E:09 Undervoltage error

This object is a counter, which increments each diagnosis message of type 'Undervoltage error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x09

Description	Value
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.10 2C1E:0A Power supply phase error

This object is a counter, which increments each diagnosis message of type 'Power supply phase error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.11 2C1E:0B Communication error

This object is a counter, which increments each diagnosis message of type 'Communication error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.12 2C1E:0C TorqueOff with emergency brake

This object is a counter, which increments each diagnosis message of type 'TorqueOff with emergency brake'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0C
Datatype	UINT16

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.13 2C1E:0D Motor connection error

This object is a counter, which increments each diagnosis message of type 'Motor connection error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.14 2C1E:0E Safety STO error

This object is a counter, which increments each diagnosis message of type 'Safety STO error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.15 2C1E:0F Overspeed error

This object is a counter, which increments each diagnosis message of type 'Overspeed error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.16 2C1E:10 Motor Brake connection error

This object is a counter, which increments each diagnosis message of type 'Motor Brake connection error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.18.17 2C1E:11 DC link connection overcurrent error

This object is a counter, which increments each diagnosis message of type 'DC link connection overcurrent error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.19 2C1F:x DeviceMain info

This object contains internal diagnosis informations.

Description	Value
Index	0x2C1F (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.19.1 2C1F:01 Operating time drive control

This object contains the operating time of the drive control (24V power up time).

Description	Value
Index	0x2C1F (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	s
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.19.2 2C1F:02 DC link voltage scaling gain

Calibration gain of the DC link voltage.

Description	Value
Index	0x2C1F (Device)
Subindex	0x02
Datatype	INT16
Min. Value	800 (0x0320)
Default	1000 (0x03E8)
Max. Value	1200 (0x04B0)
Unit	m
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.19.3 2C1F:03 DC link voltage offset

Calibration offset of the DC link voltage.

Description	Value
Index	0x2C1F (Device)
Subindex	0x03
Datatype	INT16
Min. Value	-50 (0xFFCE)
Default	0
Max. Value	50 (0x0032)
Unit	0,1 V
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.19.4 2C1F:04 Firmware compatibility index

This object contains a compatibility information for the minimum required set of features in the firmware.

Description	Value
Index	0x2C1F (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.19.5 2C1F:06 Internal chip ID

This object shows the internal chip ID.

Description	Value
Index	0x2C1F (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.19.6 2C1F:07 Frequency limitation

This object indicates whether the frequency limitation is active or not.

Description	Value
Index	0x2C1F (Device)
Subindex	0x07

Description	Value
Datatype	ENUM (UINT32)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Limitation_disabled
0 (0x00)	Limitation_active

2.19.7 2C1F:08 Fpga configuration info

Fpga config info for internal use only

Description	Value
Index	0x2C1F (Device)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.19.8 2C1F:09 Fpga version info

Fpga config info for internal use only

Description	Value
Index	0x2C1F (Device)
Subindex	0x09
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

2.20 6079 DC link circuit voltage

This object provides the actual value of the DC link voltage of the drive device.

Description	Value
Index	0x6079 (Device)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

3 Objects of module SafeMotion

3.1 15C0:x FSoE Slave Connection 1 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.1.1 15C0:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C0 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C1 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.2 15C1:x FSoE Master Connection 1 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.2.1 15C1:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C1 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C0 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.3 15C2:x FSoE Slave Connection 2 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.3.1 15C2:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C2 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C3 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.4 15C3:x FSoE Master Connection 2 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.4.1 15C3:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C3 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C2 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.5 15C4:x FSoE Slave Connection 3 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.5.1 15C4:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C4 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C5 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.6 15C5:x FSoE Master Connection 3 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C5 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.6.1 15C5:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C5 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C4 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.7 15C6:x FSoE Slave Connection 4 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C6 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.7.1 15C6:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C6 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C7 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.8 15C7:x FSoE Master Connection 4 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C7 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.8.1 15C7:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C7 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C6 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.9 15C8:x FSoE Slave Connection 5 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C8 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.9.1 15C8:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C8 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C9 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.10 15C9:x FSoE Master Connection 5 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C9 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.10.1 15C9:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C9 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C8 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.11 15CA:x FSoE Slave Connection 6 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CA (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.11.1 15CA:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CA (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CB 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.12 15CB:x FSoE Master Connection 6 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CB (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.12.1 15CB:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CB (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CA 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.13 15CC:x FSoE Slave Connection 7 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CC (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.13.1 15CC:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CC (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CD 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.14 15CD:x FSoE Master Connection 7 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CD (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.14.1 15CD:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CD (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CC 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.15 15CE:x FSoE Slave Connection 8 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CE (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.15.1 15CE:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CE (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CF 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.16 15CF:x FSoE Master Connection 8 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CF (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.16.1 15CF:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CF (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CE 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.17 17C0:x FSoE Slave Connection 1 Master Message

Description	Value
Index	0x17C0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.18 17C1:x FSoE Master Connection 1 Slave Message

Description	Value
Index	0x17C1 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.19 17C2:x FSoE Slave Connection 2 Master Message

Description	Value
Index	0x17C2 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.20 17C3:x FSoE Master Connection 2 Slave Message

Description	Value
Index	0x17C3 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.21 17C4:x FSoE Slave Connection 3 Master Message

Description	Value
Index	0x17C4 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.22 17C5:x FSoE Master Connection 3 Slave Message

Description	Value
Index	0x17C5 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.23 17C6:x FSoE Slave Connection 4 Master Message

Description	Value
Index	0x17C6 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.24 17C7:x FSoE Master Connection 4 Slave Message

Description	Value
Index	0x17C7 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.25 17C8:x FSoE Slave Connection 5 Master Message

Description	Value
Index	0x17C8 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.26 17C9:x FSoE Master Connection 5 Slave Message

Description	Value
Index	0x17C9 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.27 17CA:x FSoE Slave Connection 6 Master Message

Description	Value
Index	0x17CA (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.28 17CB:x FSoE Master Connection 6 Slave Message

Description	Value
Index	0x17CB (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.29 17CC:x FSoE Slave Connection 7 Master Message

Description	Value
Index	0x17CC (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.30 17CD:x FSoE Master Connection 7 Slave Message

Description	Value
Index	0x17CD (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.31 17CE:x FSoE Slave Connection 8 Master Message

Description	Value
Index	0x17CE (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.32 17CF:x FSoE Master Connection 8 Slave Message

Description	Value
Index	0x17CF (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.33 17F0:x Standard Outputdata

Description	Value
Index	0x17F0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.34 17FF:x FSLOGIC RxPDO-Map Outputs

Description	Value
Index	0x17FF (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.35 19C0:x FSoE Slave Connection 1 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.35.1 19C0:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C0 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C1 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.36 19C1:x FSoE Master Connection 1 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.36.1 19C1:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C1 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C0 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.37 19C2:x FSoE Slave Connection 2 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.37.1 19C2:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C2 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C3 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.38 19C3:x FSoE Master Connection 2 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.38.1 19C3:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C3 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C2 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.39 19C4:x FSoE Slave Connection 3 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.39.1 19C4:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C4 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C5 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.40 19C5:x FSoE Master Connection 3 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C5 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.40.1 19C5:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C5 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C4 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.41 19C6:x FSoE Slave Connection 4 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C6 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.41.1 19C6:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C6 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C7 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.42 19C7:x FSoE Master Connection 4 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C7 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.42.1 19C7:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C7 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C6 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.43 19C8:x FSoE Slave Connection 5 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C8 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.43.1 19C8:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C8 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C9 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.44 19C9:x FSoE Master Connection 5 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C9 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.44.1 19C9:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C9 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C8 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.45 19CA:x FSoE Slave Connection 6 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CA (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.45.1 19CA:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CA (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CB 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.46 19CB:x FSoE Master Connection 6 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CB (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.46.1 19CB:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CB (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CA 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.47 19CC:x FSoE Slave Connection 7 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CC (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.47.1 19CC:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CC (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CD 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.48 19CD:x FSoE Master Connection 7 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CD (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.48.1 19CD:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CD (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CC 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.49 19CE:x FSoE Slave Connection 8 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CE (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.49.1 19CE:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CE (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CF 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.50 19CF:x FSoE Master Connection 8 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CF (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.50.1 19CF:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CF (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CE 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.51 1BC0:x FSoE Slave Connection 1 Slave Message

Description	Value
Index	0x1BC0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.52 1BC1:x FSoE Master Connection 1 Master Message

Description	Value
Index	0x1BC1 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.53 1BC2:x FSoE Slave Connection 2 Slave Message

Description	Value
Index	0x1BC2 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.54 1BC3:x FSoE Master Connection 2 Master Message

Description	Value
Index	0x1BC3 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.55 1BC4:x FSoE Slave Connection 3 Slave Message

Description	Value
Index	0x1BC4 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.56 1BC5:x FSoE Master Connection 3 Master Message

Description	Value
Index	0x1BC5 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.57 1BC6:x FSoE Slave Connection 4 Slave Message

Description	Value
Index	0x1BC6 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.58 1BC7:x FSoE Master Connection 4 Master Message

Description	Value
Index	0x1BC7 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.59 1BC8:x FSoE Slave Connection 5 Slave Message

Description	Value
Index	0x1BC8 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.60 1BC9:x FSoE Master Connection 5 Master Message

Description	Value
Index	0x1BC9 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.61 1BCA:x FSoE Slave Connection 6 Slave Message

Description	Value
Index	0x1BCA (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.62 1BCB:x FSoE Master Connection 6 Master Message

Description	Value
Index	0x1BCB (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.63 1BCC:x FSoE Slave Connection 7 Slave Message

Description	Value
Index	0x1BCC (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.64 1BCD:x FSoE Master Connection 7 Master Message

Description	Value
Index	0x1BCD (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.65 1BCE:x FSoE Slave Connection 8 Slave Message

Description	Value
Index	0x1BCE (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.66 1BCF:x FSoE Master Connection 8 Master Message

Description	Value
Index	0x1BCF (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.67 1BF0:x Standard Inputdata

Description	Value
Index	0x1BF0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.68 1BF1:x Function Block Info Data

Description	Value
Index	0x1BF1 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.69 1BF6:x Connection Info Data

Description	Value
Index	0x1BF6 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.70 1BF9:x Group Info Data

Description	Value
Index	0x1BF9 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.71 1BFB:x Device Info Data

Description	Value
Index	0x1BFB (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

3.72 1BFF:x FSLOGIC TxPDO-Map Inputs

Description	Value
Index	0x1BFF (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.73 2D5F:x Safety info

This object contains internal diagnosis informations.

Description	Value
Index	0x2D5F (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.73.1 2D5F:01 Associated device

This object indicates the associated device serial number.

Description	Value
Index	0x2D5F (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.74 C002:x Ch A FSOUT STO Status

Description	Value
Index	0xC002 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.74.1 C002:01 Module Fault

Description	Value
Index	0xC002 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.75 C008:x Ch A FSOUT STO State

Description	Value
Index	0xC008 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.75.1 C008:01 Axis Enabled

Description	Value
Index	0xC008 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.76 C012:x Ch A FSOUT BRAKE Status

Description	Value
Index	0xC012 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.76.1 C012:01 Module Fault

Description	Value
Index	0xC012 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.77 C018:x Ch A FSOUT BRAKE Active

Description	Value
Index	0xC018 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.77.1 C018:01 Active

Description	Value
Index	0xC018 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.78 C021:x Ch A FSIN Inputs

Description	Value
Index	0xC021 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.78.1 C021:01 Channel 1.Input

Description	Value
Index	0xC021 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.78.2 C021:02 Channel 2.Input

Description	Value
Index	0xC021 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.79 C022:x Ch A FSIN Status

Description	Value
Index	0xC022 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.79.1 C022:01 Module Fault

Description	Value
Index	0xC022 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.80 C030:x Ch A FSDRIVE Encoder Inputs

Description	Value
Index	0xC030 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.80.1 C030:01 Underrange Encoder Voltage

Description	Value
Index	0xC030 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.80.2 C030:02 Overrange Encoder Voltage

Description	Value
Index	0xC030 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.80.3 C030:03 Module Fault

Description	Value
Index	0xC030 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.80.4 C030:04 Encoder Enable

Description	Value
Index	0xC030 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.80.5 C030:11 Encoder Voltage

Description	Value
Index	0xC030 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.81 C033:x Ch A FSDRIVE SoC Inputs

Description	Value
Index	0xC033 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.81.1 C033:01 Electrical Angle

Description	Value
Index	0xC033 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.81.2 C033:02 Current Iq

Description	Value
Index	0xC033 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.81.3 C033:03 Current Id

Description	Value
Index	0xC033 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.82 C034:x Ch A FSDRIVE Axis Control

Description	Value
Index	0xC034 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.82.1 C034:01 Run

Description	Value
Index	0xC034 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.82.2 C034:02 ErrAck

Description	Value
Index	0xC034 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83 C040:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Inputs

Description	Value
Index	0xC040 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.1 C040:01 Module Fault

Description	Value
Index	0xC040 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.2 C040:02 Encoder Ready

Description	Value
Index	0xC040 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.3 C040:03 Position Valid

Description	Value
Index	0xC040 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.4 C040:04 SDI_p

Description	Value
Index	0xC040 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.5 C040:05 SDI_n

Description	Value
Index	0xC040 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.6 C040:06 Referencing Required

Description	Value
Index	0xC040 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.7 C040:07 Reference Position Valid

Description	Value
Index	0xC040 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.8 C040:11 Reference Multiturn Position

Description	Value
Index	0xC040 (Device)
Subindex	0x11
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.9 C040:12 Multiturn Position

Description	Value
Index	0xC040 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.10 C040:13 Singleturn Position

Description	Value
Index	0xC040 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.83.11 C040:14 Reference Singleturn Position

Description	Value
Index	0xC040 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.84 C041:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Acceleration

Description	Value
Index	0xC041 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.84.1 C041:01 Max Value

Description	Value
Index	0xC041 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.84.2 C041:02 Average Value

Description	Value
Index	0xC041 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.85 C042:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Velocity

Description	Value
Index	0xC042 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.85.1 C042:01 Max Value

Description	Value
Index	0xC042 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.85.2 C042:02 Average Value

Description	Value
Index	0xC042 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.86 C043:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Torque

Description	Value
Index	0xC043 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87 C044:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Inputs

Description	Value
Index	0xC044 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.1 C044:01 Module Fault

Description	Value
Index	0xC044 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.2 C044:02 Encoder Ready

Description	Value
Index	0xC044 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.3 C044:03 Position Valid

Description	Value
Index	0xC044 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.4 C044:04 SDI_p

Description	Value
Index	0xC044 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.5 C044:05 SDI_n

Description	Value
Index	0xC044 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.6 C044:06 Referencing Required

Description	Value
Index	0xC044 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.7 C044:07 Reference Position Valid

Description	Value
Index	0xC044 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.8 C044:11 Reference Multiturn Position

Description	Value
Index	0xC044 (Device)
Subindex	0x11
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.9 C044:12 Multiturn Position

Description	Value
Index	0xC044 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.10 C044:13 Singleturn Position

Description	Value
Index	0xC044 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.87.11 C044:14 Reference Singleturn Position

Description	Value
Index	0xC044 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.88 C045:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Acceleration

Description	Value
Index	0xC045 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.88.1 C045:01 Max Value

Description	Value
Index	0xC045 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.88.2 C045:02 Average Value

Description	Value
Index	0xC045 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.89 C046:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Velocity

Description	Value
Index	0xC046 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.89.1 C046:01 Max Value

Description	Value
Index	0xC046 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.89.2 C046:02 Average Value

Description	Value
Index	0xC046 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.90 C047:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Torque

Description	Value
Index	0xC047 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.91 C081:x Ch A FSOUT STO Outputs

Description	Value
Index	0xC081 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.91.1 C081:01 Channel 1.Output

Description	Value
Index	0xC081 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.91.2 C081:02 Channel 2.Output

Description	Value
Index	0xC081 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.91.3 C081:03 Channel 3.Output

Description	Value
Index	0xC081 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.91.4 C081:04 Channel 4.Output

Description	Value
Index	0xC081 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.92 C082:x Ch A FSOUT STO ErrAck

Description	Value
Index	0xC082 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.92.1 C082:01 ErrAck

Description	Value
Index	0xC082 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.93 C088:x Ch A FSOUT STO Control

Description	Value
Index	0xC088 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.93.1 C088:01 No STO

Description	Value
Index	0xC088 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.94 C091:x Ch A FSOUT BRAKE Outputs

Description	Value
Index	0xC091 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.94.1 C091:01 Enable

Description	Value
Index	0xC091 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.95 C092:x Ch A FSOUT BRAKE ErrAck

Description	Value
Index	0xC092 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.95.1 C092:01 ErrAck

Description	Value
Index	0xC092 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.96 C0A2:x Ch A FSIN ErrAck

Description	Value
Index	0xC0A2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.96.1 C0A2:01 ErrAck

Description	Value
Index	0xC0A2 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.97 C0B0:x Ch A FSDRIVE Encoder Outputs

Description	Value
Index	0xC0B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.97.1 C0B0:01 ErrAck

Description	Value
Index	0xC0B0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98 C0B4:x Ch A FSDRIVE Axis Status

Description	Value
Index	0xC0B4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	14 (0x0E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.1 C0B4:01 Group Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.2 C0B4:02 Axis STO Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.3 C0B4:03 Axis Digital Inputs Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.4 C0B4:04 Axis Brake Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.5 C0B4:05 Encoder Undervoltage Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.6 C0B4:06 Encoder Overvoltage Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.7 C0B4:07 Encoder Module Enabled

Description	Value
Index	0xC0B4 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.8 C0B4:08 Primary Safety Feedback Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.9 C0B4:09 Secondary Safety Feedback Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.10 C0B4:0A Global Shutdown

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.11 C0B4:0B Status 10

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.12 C0B4:0C Status 11

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.13 C0B4:0D Status 12

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.98.14 C0B4:0E Status 13

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99 C0B6:x Ch A FSDRIVE Drive Commands

Description	Value
Index	0xC0B6 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.1 C0B6:01 DriveCmd 1

Description	Value
Index	0xC0B6 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.2 C0B6:02 DriveCmd 2

Description	Value
Index	0xC0B6 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.3 C0B6:03 DriveCmd 3

Description	Value
Index	0xC0B6 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.4 C0B6:04 DriveCmd 4

Description	Value
Index	0xC0B6 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.5 C0B6:05 DriveCmd 5

Description	Value
Index	0xC0B6 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.6 C0B6:06 DriveCmd 6

Description	Value
Index	0xC0B6 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.7 C0B6:07 DriveCmd 7

Description	Value
Index	0xC0B6 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.8 C0B6:08 DriveCmd 8

Description	Value
Index	0xC0B6 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.9 C0B6:09 DriveCmd 9

Description	Value
Index	0xC0B6 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.10 C0B6:0A DriveCmd 10

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.11 C0B6:0B DriveCmd 11

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.12 C0B6:0C DriveCmd 12

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.13 C0B6:0D DriveCmd 13

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.14 C0B6:0E DriveCmd 14

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.15 C0B6:0F DriveCmd 15

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.99.16 C0B6:10 DriveCmd 16

Description	Value
Index	0xC0B6 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100 C0B7:x Ch A FSDRIVE Trigger Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.1 C0B7:01 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.2 C0B7:02 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.3 C0B7:03 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.4 C0B7:04 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.5 C0B7:05 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.6 C0B7:06 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.7 C0B7:07 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.8 C0B7:08 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.9 C0B7:09 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.10 C0B7:0A Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.11 C0B7:0B Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.12 C0B7:0C Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.13 C0B7:0D Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.14 C0B7:0E Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.15 C0B7:0F Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.100.16 C0B7:10 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.101 C0C0:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Outputs

Description	Value
Index	0xC0C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.101.1 C0C0:01 Enable

Description	Value
Index	0xC0C0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.101.2 C0C0:02 ErrAck

Description	Value
Index	0xC0C0 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.101.3 C0C0:03 SetReference

Description	Value
Index	0xC0C0 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.102 C0C2:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Outputs

Description	Value
Index	0xC0C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.102.1 C0C2:01 Enable

Description	Value
Index	0xC0C2 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.102.2 C0C2:02 ErrAck

Description	Value
Index	0xC0C2 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.102.3 C0C2:03 SetReference

Description	Value
Index	0xC0C2 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.103 C100:x Ch A FSOUT STO Settings Common

Description	Value
Index	0xC100 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.103.1 C100:01 ModuloDiagTestPulse

Description	Value
Index	0xC100 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.103.2 C100:02 MultiplierDiagTestPulse

Description	Value
Index	0xC100 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.103.3 C100:03 Standard Outputs active

Description	Value
Index	0xC100 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	FALSE

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.103.4 C100:04 Diag TestPulse active

Description	Value
Index	0xC100 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.104 C110:x Ch A FSOUT BRAKE Settings Common

Description	Value
Index	0xC110 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.104.1 C110:01 ModuloDiagTestPulse

Description	Value
Index	0xC110 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	100 (0x64)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.104.2 C110:02 MultiplierDiagTestPulse

Description	Value
Index	0xC110 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.104.3 C110:03 Standard Outputs active

Description	Value
Index	0xC110 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	TRUE

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.104.4 C110:04 Diag TestPulse active

Description	Value
Index	0xC110 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.105 C120:x Ch A FSIN Settings Common

Description	Value
Index	0xC120 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.105.1 C120:01 ModuloDiagTestPulse

Description	Value
Index	0xC120 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.105.2 C120:02 MultiplierDiagTestPulse

Description	Value
Index	0xC120 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.105.3 C120:04 Diag TestPulse active

Description	Value
Index	0xC120 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.106 C121:x Ch A FSIN Settings Channel

Description	Value
Index	0xC121 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.106.1 C121:01 Channel 1.InputFilterTime (in 125 us)

Description	Value
Index	0xC121 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	1 (0x0001)
Default	28 (0x001C)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.106.2 C121:02 Channel 1.DiagTestPulseFilterTime

Description	Value
Index	0xC121 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	1 (0x0001)
Default	2 (0x0002)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.106.3 C121:04 Channel 2.InputFilterTime (in 125 us)

Description	Value
Index	0xC121 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	1 (0x0001)
Default	28 (0x001C)

Description	Value
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.106.4 C121:05 Channel 2.DiagTestPulseFilterTime

Description	Value
Index	0xC121 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	1 (0x0001)
Default	2 (0x0002)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.107 C130:x Ch A FSDRIVE Settings

Description	Value
Index	0xC130 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.107.1 C130:01 Brake Control Enabled

Description	Value
Index	0xC130 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.107.2 C130:02 Primary Feedback Enabled

Description	Value
Index	0xC130 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.107.3 C130:03 Secondary Feedback Enabled

Description	Value
Index	0xC130 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	FALSE

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.108 C140:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Settings

Description	Value
Index	0xC140 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.108.1 C140:01 Average Calculation Acceleration

Description	Value
Index	0xC140 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

3.108.2 C140:05 Average Calculation Velocity

Description	Value
Index	0xC140 (Device)
Subindex	0x05
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

3.108.3 C140:0D Maximum Safe Position Deviation

Description	Value
Index	0xC140 (Device)
Subindex	0x0D
Datatype	ENUM (UINT4)
Min. Value	
Default	Default Value (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
15 (0x0F)	16 Safe Position Increments
14 (0x0E)	15 Safe Position Increments
13 (0x0D)	14 Safe Position Increments
12 (0x0C)	13 Safe Position Increments
11 (0x0B)	12 Safe Position Increments
10 (0x0A)	11 Safe Position Increments
9 (0x09)	10 Safe Position Increments
8 (0x08)	9 Safe Position Increments
7 (0x07)	8 Safe Position Increments
6 (0x06)	7 Safe Position Increments
5 (0x05)	6 Safe Position Increments
4 (0x04)	5 Safe Position Increments
3 (0x03)	4 Safe Position Increments
2 (0x02)	3 Safe Position Increments
1 (0x01)	2 Safe Position Increments
0 (0x00)	Default Value

3.108.4 C140:11 Encoder Direction Shift

Description	Value
Index	0xC140 (Device)
Subindex	0x11
Datatype	BIT5

Description	Value
Min. Value	0x00
Default	0x00
Max. Value	0x0F
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.108.5 C140:17 Enable 64 Bit Division

Description	Value
Index	0xC140 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.108.6 C140:19 Encoder Position Shift

Description	Value
Index	0xC140 (Device)
Subindex	0x19
Datatype	BIT6
Min. Value	0x00
Default	0x00
Max. Value	0x3D
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.109 C141:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Settings

Description	Value
Index	0xC141 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.109.1 C141:01 Average Calculation Acceleration

Description	Value
Index	0xC141 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

3.109.2 C141:05 Average Calculation Velocity

Description	Value
Index	0xC141 (Device)
Subindex	0x05
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

3.109.3 C141:0D Maximum Safe Position Deviation

Description	Value
Index	0xC141 (Device)
Subindex	0x0D
Datatype	ENUM (UINT4)
Min. Value	
Default	Default Value (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
15 (0x0F)	16 Safe Position Increments
14 (0x0E)	15 Safe Position Increments
13 (0x0D)	14 Safe Position Increments
12 (0x0C)	13 Safe Position Increments
11 (0x0B)	12 Safe Position Increments
10 (0x0A)	11 Safe Position Increments
9 (0x09)	10 Safe Position Increments
8 (0x08)	9 Safe Position Increments
7 (0x07)	8 Safe Position Increments
6 (0x06)	7 Safe Position Increments
5 (0x05)	6 Safe Position Increments
4 (0x04)	5 Safe Position Increments
3 (0x03)	4 Safe Position Increments
2 (0x02)	3 Safe Position Increments
1 (0x01)	2 Safe Position Increments
0 (0x00)	Default Value

3.109.4 C141:11 Encoder Direction Shift

Description	Value
Index	0xC141 (Device)
Subindex	0x11
Datatype	BIT5

Description	Value
Min. Value	0x00
Default	0x00
Max. Value	0x0F
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.109.5 C141:17 Enable 64 Bit Division

Description	Value
Index	0xC141 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.109.6 C141:19 Encoder Position Shift

Description	Value
Index	0xC141 (Device)
Subindex	0x19
Datatype	BIT6
Min. Value	0x00
Default	0x00
Max. Value	0x3D
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.110 C142:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Referencing Settings

Description	Value
Index	0xC142 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.110.1 C142:01 Operation Mode

Description	Value
Index	0xC142 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	
Default	Referencing disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Manual Referencing
2 (0x02)	Automatic Referencing, Set Reference Position enabled
1 (0x01)	Automatic Referencing, Set Reference Position disabled
0 (0x00)	Referencing disabled

3.110.2 C142:11 Reference SafePostion Singleturn

Description	Value
Index	0xC142 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.110.3 C142:12 Reference SafePosition Multiturn

Description	Value
Index	0xC142 (Device)
Subindex	0x12
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.110.4 C142:13 Speed at Reference Position

Description	Value
Index	0xC142 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.110.5 C142:14 Maximum Singleturn Referenced SafePosition

Description	Value
Index	0xC142 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.110.6 C142:15 Maximum Multiturn Referenced SafePosition

Description	Value
Index	0xC142 (Device)
Subindex	0x15
Datatype	INT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.110.7 C142:16 Minimum Singleturn Referenced SafePosition

Description	Value
Index	0xC142 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.110.8 C142:17 Minimum Multiturn Referenced SafePosition

Description	Value
Index	0xC142 (Device)
Subindex	0x17
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.110.9 C142:18 Deviation Startup Position

Description	Value
Index	0xC142 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.111 C143:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Referencing Settings

Description	Value
Index	0xC143 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.111.1 C143:01 Operation Mode

Description	Value
Index	0xC143 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	
Default	Referencing disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Manual Referencing
2 (0x02)	Automatic Referencing, Set Reference Position enabled
1 (0x01)	Automatic Referencing, Set Reference Position disabled
0 (0x00)	Referencing disabled

3.111.2 C143:11 Reference SafePostion Singleturn

Description	Value
Index	0xC143 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.111.3 C143:12 Reference SafePosition Multiturn

Description	Value
Index	0xC143 (Device)
Subindex	0x12
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.111.4 C143:13 Speed at Reference Position

Description	Value
Index	0xC143 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.111.5 C143:14 Maximum Singleturn Referenced SafePosition

Description	Value
Index	0xC143 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.111.6 C143:15 Maximum Multiturn Referenced SafePosition

Description	Value
Index	0xC143 (Device)
Subindex	0x15
Datatype	INT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.111.7 C143:16 Minimum Singleturn Referenced SafePosition

Description	Value
Index	0xC143 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.111.8 C143:17 Minimum Multiturn Referenced SafePosition

Description	Value
Index	0xC143 (Device)
Subindex	0x17
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.111.9 C143:18 Deviation Startup Position

Description	Value
Index	0xC143 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.112 C1B0:x Ch A FSDRIVE SoC Info Data

Description	Value
Index	0xC1B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.112.1 C1B0:01 Current Phase U

Description	Value
Index	0xC1B0 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.112.2 C1B0:02 Current Phase V

Description	Value
Index	0xC1B0 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.112.3 C1B0:03 Current Phase W

Description	Value
Index	0xC1B0 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.113 C230:x Ch A FSDRIVE Encoder Diag Data

Description	Value
Index	0xC230 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.113.1 C230:01 State

Description	Value
Index	0xC230 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.113.2 C230:02 Error Code

Description	Value
Index	0xC230 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114 C240:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Parameter

Description	Value
Index	0xC240 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	37 (0x25)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.1 C240:01 Encoder Identification

Description	Value
Index	0xC240 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.2 C240:02 ID

Description	Value
Index	0xC240 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.3 C240:03 SN

Description	Value
Index	0xC240 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.4 C240:04 Protocol

Safety OCT, EnDat 2.2 or EnDat 3

Description	Value
Index	0xC240 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.5 C240:05 Encoder Type

rotary or linear encoder type

Description	Value
Index	0xC240 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.6 C240:06 Reserved_0

Description	Value
Index	0xC240 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.7 C240:07 Motor Serial Number

Description	Value
Index	0xC240 (Device)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.8 C240:08 EnDat 2.2 Multiturn Bits

Description	Value
Index	0xC240 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.9 C240:09 EnDat 2.2 Singleturn Bits

Description	Value
Index	0xC240 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.10 C240:0A EnDat 2.2 Short Recovery Time

Description	Value
Index	0xC240 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.11 C240:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition

Description	Value
Index	0xC240 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.12 C240:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition

Description	Value
Index	0xC240 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.13 C240:0D EnDat 2.2 NumberOfClocksForPosValue

Description	Value
Index	0xC240 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.14 C240:0E EnDat 2.2 Forced Sampling Status

Description	Value
Index	0xC240 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.15 C240:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2

Description	Value
Index	0xC240 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.16 C240:10 EnDat 2.2 SafetyRelevantMeasuringSteps

Description	Value
Index	0xC240 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.17 C240:11 EnDat 2.2 Datum Shift

Description	Value
Index	0xC240 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.18 C240:12 SafetyOCT SafetyRelatedEncResolutionCh1

Description	Value
Index	0xC240 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.19 C240:13 SafetyOCT SafetyRelatedEncResolutionCh2

Description	Value
Index	0xC240 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.20 C240:14 SafetyOCT Encoder Range

Description	Value
Index	0xC240 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.21 C240:15 SafetyOCT Reserved_1

Description	Value
Index	0xC240 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.22 C240:16 SafetyOCT Firmware

Description	Value
Index	0xC240 (Device)
Subindex	0x16
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.23 C240:17 SafetyOCT Firmware Date

Description	Value
Index	0xC240 (Device)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.24 C240:18 SafetyOCT Encoder Index

Description	Value
Index	0xC240 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.25 C240:19 SafetyOCT Encoder Index Status

Description	Value
Index	0xC240 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.26 C240:1A SafetyOCT Position Offset

Description	Value
Index	0xC240 (Device)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.27 C240:1B Primary Feedback Parameter CRC

Description	Value
Index	0xC240 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.114.28 C240:1C EnDat 3 DataTestLowerLimitPos

Description	Value
Index	0xC240 (Device)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.29 C240:1D EnDat 3 DataTestUpperLimitPos

Description	Value
Index	0xC240 (Device)
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.30 C240:1E EnDat 3 DataTestOffsetPosFS

Description	Value
Index	0xC240 (Device)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.31 C240:1F EnDat 3 DataTestOffsetPos

Description	Value
Index	0xC240 (Device)
Subindex	0x1F
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.32 C240:20 EnDat 3 DataTestNumSafePosBits

Description	Value
Index	0xC240 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.33 C240:21 EnDat 3 SafetyBits

Description	Value
Index	0xC240 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.34 C240:22 EnDat 3 AxisAddress

Description	Value
Index	0xC240 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.35 C240:23 EnDat 3 Multiturn Bits

Description	Value
Index	0xC240 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.36 C240:24 EnDat 3 Singleturn Bits

Description	Value
Index	0xC240 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.114.37 C240:25 Primary Feedback EnDat3 Parameter CRC

Description	Value
Index	0xC240 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.115 C241:x Ch A SAFEDRIVEFEEDBACK Primary Feedback State

Description	Value
Index	0xC241 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.115.1 C241:01 Feedback Drive Application State

Description	Value
Index	0xC241 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116 C242:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Parameter

Description	Value
Index	0xC242 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	37 (0x25)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.1 C242:01 Encoder Identification

Description	Value
Index	0xC242 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.2 C242:02 ID

Description	Value
Index	0xC242 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.3 C242:03 SN

Description	Value
Index	0xC242 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.4 C242:04 Protocol

Safety OCT, EnDat 2.2 or EnDat 3

Description	Value
Index	0xC242 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.5 C242:05 Encoder Type

rotary or linear encoder type

Description	Value
Index	0xC242 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.6 C242:06 Reserved_0

Description	Value
Index	0xC242 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.7 C242:07 Motor Serial Number

Description	Value
Index	0xC242 (Device)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.8 C242:08 EnDat 2.2 Multiturn Bits

Description	Value
Index	0xC242 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.9 C242:09 EnDat 2.2 Singleturn Bits

Description	Value
Index	0xC242 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.10 C242:0A EnDat 2.2 Short Recovery Time

Description	Value
Index	0xC242 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.11 C242:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition

Description	Value
Index	0xC242 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.12 C242:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition

Description	Value
Index	0xC242 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.13 C242:0D EnDat 2.2 NumberOfClocksForPosValue

Description	Value
Index	0xC242 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.14 C242:0E EnDat 2.2 Forced Sampling Status

Description	Value
Index	0xC242 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.15 C242:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2

Description	Value
Index	0xC242 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.16 C242:10 EnDat 2.2 SafetyRelevantMeasuringSteps

Description	Value
Index	0xC242 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.17 C242:11 EnDat 2.2 Datum Shift

Description	Value
Index	0xC242 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.18 C242:12 SafetyOCT SafetyRelatedEncResolutionCh1

Description	Value
Index	0xC242 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.19 C242:13 SafetyOCT SafetyRelatedEncResolutionCh2

Description	Value
Index	0xC242 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.20 C242:14 SafetyOCT Encoder Range

Description	Value
Index	0xC242 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.21 C242:15 SafetyOCT Reserved_1

Description	Value
Index	0xC242 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.22 C242:16 SafetyOCT Firmware

Description	Value
Index	0xC242 (Device)
Subindex	0x16
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.23 C242:17 SafetyOCT Firmware Date

Description	Value
Index	0xC242 (Device)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.24 C242:18 SafetyOCT Encoder Index

Description	Value
Index	0xC242 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.25 C242:19 SafetyOCT Encoder Index Status

Description	Value
Index	0xC242 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.26 C242:1A SafetyOCT Position Offset

Description	Value
Index	0xC242 (Device)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.27 C242:1B Secondary Feedback Parameter CRC

Description	Value
Index	0xC242 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.116.28 C242:1C EnDat 3 DataTestLowerLimitPos

Description	Value
Index	0xC242 (Device)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.29 C242:1D EnDat 3 DataTestUpperLimitPos

Description	Value
Index	0xC242 (Device)
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.30 C242:1E EnDat 3 DataTestOffsetPosFS

Description	Value
Index	0xC242 (Device)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.31 C242:1F EnDat 3 DataTestOffsetPos

Description	Value
Index	0xC242 (Device)
Subindex	0x1F
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.32 C242:20 EnDat 3 DataTestNumSafePosBits

Description	Value
Index	0xC242 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.33 C242:21 EnDat 3 SafetyBits

Description	Value
Index	0xC242 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.34 C242:22 EnDat 3 AxisAddress

Description	Value
Index	0xC242 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.35 C242:23 EnDat 3 Multiturn Bits

Description	Value
Index	0xC242 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.36 C242:24 EnDat 3 Singleturn Bits

Description	Value
Index	0xC242 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.116.37 C242:25 Secondary Feedback EnDat3 Parameter CRC

Description	Value
Index	0xC242 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.117 C243:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback State

Description	Value
Index	0xC243 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.117.1 C243:01 Feedback Drive Application State

Description	Value
Index	0xC243 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.118 C24C:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Diag Data

Description	Value
Index	0xC24C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.118.1 C24C:01 State

Description	Value
Index	0xC24C (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.118.2 C24C:02 Error Code

Description	Value
Index	0xC24C (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.119 C24D:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Diag Data

Description	Value
Index	0xC24D (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.119.1 C24D:01 State

Description	Value
Index	0xC24D (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.119.2 C24D:02 Error Code

Description	Value
Index	0xC24D (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.120 C282:x Ch B FSOUT STO Status

Description	Value
Index	0xC282 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.120.1 C282:01 Module Fault

Description	Value
Index	0xC282 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.121 C288:x Ch B FSOUT STO State

Description	Value
Index	0xC288 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.121.1 C288:01 Axis Enabled

Description	Value
Index	0xC288 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.122 C292:x Ch B FSOUT BRAKE Status

Description	Value
Index	0xC292 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.122.1 C292:01 Module Fault

Description	Value
Index	0xC292 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.123 C298:x Ch B FSOUT BRAKE Active

Description	Value
Index	0xC298 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.123.1 C298:01 Active

Description	Value
Index	0xC298 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.124 C2A1:x Ch B FSIN Inputs

Description	Value
Index	0xC2A1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.124.1 C2A1:01 Channel 1.Input

Description	Value
Index	0xC2A1 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.124.2 C2A1:02 Channel 2.Input

Description	Value
Index	0xC2A1 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.125 C2A2:x Ch B FSIN Status

Description	Value
Index	0xC2A2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.125.1 C2A2:01 Module Fault

Description	Value
Index	0xC2A2 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.126 C2B0:x Ch B FSDRIVE Encoder Inputs

Description	Value
Index	0xC2B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.126.1 C2B0:01 Underrange Encoder Voltage

Description	Value
Index	0xC2B0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.126.2 C2B0:02 Overrange Encoder Voltage

Description	Value
Index	0xC2B0 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.126.3 C2B0:03 Module Fault

Description	Value
Index	0xC2B0 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.126.4 C2B0:04 Encoder Enable

Description	Value
Index	0xC2B0 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.126.5 C2B0:11 Encoder Voltage

Description	Value
Index	0xC2B0 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.127 C2B3:x Ch B FSDRIVE SoC Inputs

Description	Value
Index	0xC2B3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.127.1 C2B3:01 Electrical Angle

Description	Value
Index	0xC2B3 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.127.2 C2B3:02 Current Iq

Description	Value
Index	0xC2B3 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.127.3 C2B3:03 Current Id

Description	Value
Index	0xC2B3 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.128 C2B4:x Ch B FSDRIVE Axis Control

Description	Value
Index	0xC2B4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.128.1 C2B4:01 Run

Description	Value
Index	0xC2B4 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.128.2 C2B4:02 ErrAck

Description	Value
Index	0xC2B4 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129 C2C0:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Inputs

Description	Value
Index	0xC2C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.1 C2C0:01 Module Fault

Description	Value
Index	0xC2C0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.2 C2C0:02 Encoder Ready

Description	Value
Index	0xC2C0 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.3 C2C0:03 Position Valid

Description	Value
Index	0xC2C0 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.4 C2C0:04 SDI_p

Description	Value
Index	0xC2C0 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.5 C2C0:05 SDI_n

Description	Value
Index	0xC2C0 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.6 C2C0:06 Referencing Required

Description	Value
Index	0xC2C0 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.7 C2C0:07 Reference Position Valid

Description	Value
Index	0xC2C0 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.8 C2C0:11 Reference Multiturn Position

Description	Value
Index	0xC2C0 (Device)
Subindex	0x11
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.9 C2C0:12 Multiturn Position

Description	Value
Index	0xC2C0 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.10 C2C0:13 Singleturn Position

Description	Value
Index	0xC2C0 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.129.11 C2C0:14 Reference Singleturn Position

Description	Value
Index	0xC2C0 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.130 C2C1:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Acceleration

Description	Value
Index	0xC2C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.130.1 C2C1:01 Max Value

Description	Value
Index	0xC2C1 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.130.2 C2C1:02 Average Value

Description	Value
Index	0xC2C1 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.131 C2C2:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Velocity

Description	Value
Index	0xC2C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.131.1 C2C2:01 Max Value

Description	Value
Index	0xC2C2 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.131.2 C2C2:02 Average Value

Description	Value
Index	0xC2C2 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.132 C2C3:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Torque

Description	Value
Index	0xC2C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133 C2C4:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Inputs

Description	Value
Index	0xC2C4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.1 C2C4:01 Module Fault

Description	Value
Index	0xC2C4 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.2 C2C4:02 Encoder Ready

Description	Value
Index	0xC2C4 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.3 C2C4:03 Position Valid

Description	Value
Index	0xC2C4 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.4 C2C4:04 SDI_p

Description	Value
Index	0xC2C4 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.5 C2C4:05 SDI_n

Description	Value
Index	0xC2C4 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.6 C2C4:06 Referencing Required

Description	Value
Index	0xC2C4 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.7 C2C4:07 Reference Position Valid

Description	Value
Index	0xC2C4 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.8 C2C4:11 Reference Multiturn Position

Description	Value
Index	0xC2C4 (Device)
Subindex	0x11
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.9 C2C4:12 Multiturn Position

Description	Value
Index	0xC2C4 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.10 C2C4:13 Singleturn Position

Description	Value
Index	0xC2C4 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.133.11 C2C4:14 Reference Singleturn Position

Description	Value
Index	0xC2C4 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.134 C2C5:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Acceleration

Description	Value
Index	0xC2C5 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.134.1 C2C5:01 Max Value

Description	Value
Index	0xC2C5 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.134.2 C2C5:02 Average Value

Description	Value
Index	0xC2C5 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.135 C2C6:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Velocity

Description	Value
Index	0xC2C6 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.135.1 C2C6:01 Max Value

Description	Value
Index	0xC2C6 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.135.2 C2C6:02 Average Value

Description	Value
Index	0xC2C6 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.136 C2C7:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Torque

Description	Value
Index	0xC2C7 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.137 C301:x Ch B FSOUT STO Outputs

Description	Value
Index	0xC301 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.137.1 C301:01 Channel 1.Output

Description	Value
Index	0xC301 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.137.2 C301:02 Channel 2.Output

Description	Value
Index	0xC301 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.137.3 C301:03 Channel 3.Output

Description	Value
Index	0xC301 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.137.4 C301:04 Channel 4.Output

Description	Value
Index	0xC301 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.138 C302:x Ch B FSOUT STO ErrAck

Description	Value
Index	0xC302 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.138.1 C302:01 ErrAck

Description	Value
Index	0xC302 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.139 C308:x Ch B FSOUT STO Control

Description	Value
Index	0xC308 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.139.1 C308:01 No STO

Description	Value
Index	0xC308 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.140 C311:x Ch B FSOUT BRAKE Outputs

Description	Value
Index	0xC311 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.140.1 C311:01 Enable

Description	Value
Index	0xC311 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.141 C312:x Ch B FSOUT BRAKE ErrAck

Description	Value
Index	0xC312 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.141.1 C312:01 ErrAck

Description	Value
Index	0xC312 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.142 C322:x Ch B FSIN ErrAck

Description	Value
Index	0xC322 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.142.1 C322:01 ErrAck

Description	Value
Index	0xC322 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.143 C330:x Ch B FSDRIVE Encoder Outputs

Description	Value
Index	0xC330 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.143.1 C330:01 ErrAck

Description	Value
Index	0xC330 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144 C334:x Ch B FSDRIVE Axis Status

Description	Value
Index	0xC334 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	14 (0x0E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.1 C334:01 Group Error

Description	Value
Index	0xC334 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.2 C334:02 Axis STO Error

Description	Value
Index	0xC334 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.3 C334:03 Axis Digital Inputs Error

Description	Value
Index	0xC334 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.4 C334:04 Axis Brake Error

Description	Value
Index	0xC334 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.5 C334:05 Encoder Undervoltage Error

Description	Value
Index	0xC334 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.6 C334:06 Encoder Overvoltage Error

Description	Value
Index	0xC334 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.7 C334:07 Encoder Module Enabled

Description	Value
Index	0xC334 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.8 C334:08 Primary Safety Feedback Error

Description	Value
Index	0xC334 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.9 C334:09 Secondary Safety Feedback Error

Description	Value
Index	0xC334 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.10 C334:0A Global Shutdown

Description	Value
Index	0xC334 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.11 C334:0B Status 10

Description	Value
Index	0xC334 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.12 C334:0C Status 11

Description	Value
Index	0xC334 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.13 C334:0D Status 12

Description	Value
Index	0xC334 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.144.14 C334:0E Status 13

Description	Value
Index	0xC334 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145 C336:x Ch B FSDRIVE Drive Commands

Description	Value
Index	0xC336 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.1 C336:01 DriveCmd 1

Description	Value
Index	0xC336 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.2 C336:02 DriveCmd 2

Description	Value
Index	0xC336 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.3 C336:03 DriveCmd 3

Description	Value
Index	0xC336 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.4 C336:04 DriveCmd 4

Description	Value
Index	0xC336 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.5 C336:05 DriveCmd 5

Description	Value
Index	0xC336 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.6 C336:06 DriveCmd 6

Description	Value
Index	0xC336 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.7 C336:07 DriveCmd 7

Description	Value
Index	0xC336 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.8 C336:08 DriveCmd 8

Description	Value
Index	0xC336 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.9 C336:09 DriveCmd 9

Description	Value
Index	0xC336 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.10 C336:0A DriveCmd 10

Description	Value
Index	0xC336 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.11 C336:0B DriveCmd 11

Description	Value
Index	0xC336 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.12 C336:0C DriveCmd 12

Description	Value
Index	0xC336 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.13 C336:0D DriveCmd 13

Description	Value
Index	0xC336 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.14 C336:0E DriveCmd 14

Description	Value
Index	0xC336 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.15 C336:0F DriveCmd 15

Description	Value
Index	0xC336 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.145.16 C336:10 DriveCmd 16

Description	Value
Index	0xC336 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146 C337:x Ch B FSDRIVE Trigger Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.1 C337:01 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.2 C337:02 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.3 C337:03 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.4 C337:04 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.5 C337:05 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.6 C337:06 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.7 C337:07 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.8 C337:08 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.9 C337:09 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.10 C337:0A Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.11 C337:0B Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.12 C337:0C Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.13 C337:0D Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.14 C337:0E Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.15 C337:0F Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.146.16 C337:10 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.147 C340:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Outputs

Description	Value
Index	0xC340 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.147.1 C340:01 Enable

Description	Value
Index	0xC340 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.147.2 C340:02 ErrAck

Description	Value
Index	0xC340 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.147.3 C340:03 SetReference

Description	Value
Index	0xC340 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.148 C342:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Outputs

Description	Value
Index	0xC342 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.148.1 C342:01 Enable

Description	Value
Index	0xC342 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.148.2 C342:02 ErrAck

Description	Value
Index	0xC342 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.148.3 C342:03 SetReference

Description	Value
Index	0xC342 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.149 C380:x Ch B FSOUT STO Settings Common

Description	Value
Index	0xC380 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.149.1 C380:01 ModuloDiagTestPulse

Description	Value
Index	0xC380 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.149.2 C380:02 MultiplierDiagTestPulse

Description	Value
Index	0xC380 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.149.3 C380:03 Standard Outputs active

Description	Value
Index	0xC380 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	FALSE

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.149.4 C380:04 Diag TestPulse active

Description	Value
Index	0xC380 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.150 C390:x Ch B FSOUT BRAKE Settings Common

Description	Value
Index	0xC390 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.150.1 C390:01 ModuloDiagTestPulse

Description	Value
Index	0xC390 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	100 (0x64)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.150.2 C390:02 MultiplierDiagTestPulse

Description	Value
Index	0xC390 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.150.3 C390:03 Standard Outputs active

Description	Value
Index	0xC390 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	TRUE

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.150.4 C390:04 Diag TestPulse active

Description	Value
Index	0xC390 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.151 C3A0:x Ch B FSIN Settings Common

Description	Value
Index	0xC3A0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.151.1 C3A0:01 ModuloDiagTestPulse

Description	Value
Index	0xC3A0 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.151.2 C3A0:02 MultiplierDiagTestPulse

Description	Value
Index	0xC3A0 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.151.3 C3A0:04 Diag TestPulse active

Description	Value
Index	0xC3A0 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.152 C3A1:x Ch B FSIN Settings Channel

Description	Value
Index	0xC3A1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.152.1 C3A1:01 Channel 1.InputFilterTime (in 125 us)

Description	Value
Index	0xC3A1 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	1 (0x0001)
Default	28 (0x001C)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.152.2 C3A1:02 Channel 1.DiagTestPulseFilterTime

Description	Value
Index	0xC3A1 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	1 (0x0001)
Default	2 (0x0002)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.152.3 C3A1:04 Channel 2.InputFilterTime (in 125 us)

Description	Value
Index	0xC3A1 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	1 (0x0001)
Default	28 (0x001C)

Description	Value
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.152.4 C3A1:05 Channel 2.DiagTestPulseFilterTime

Description	Value
Index	0xC3A1 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	1 (0x0001)
Default	2 (0x0002)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.153 C3B0:x Ch B FSDRIVE Settings

Description	Value
Index	0xC3B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.153.1 C3B0:01 Brake Control Enabled

Description	Value
Index	0xC3B0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.153.2 C3B0:02 Primary Feedback Enabled

Description	Value
Index	0xC3B0 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.153.3 C3B0:03 Secondary Feedback Enabled

Description	Value
Index	0xC3B0 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	FALSE

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.154 C3C0:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Settings

Description	Value
Index	0xC3C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.154.1 C3C0:01 Average Calculation Acceleration

Description	Value
Index	0xC3C0 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

3.154.2 C3C0:05 Average Calculation Velocity

Description	Value
Index	0xC3C0 (Device)
Subindex	0x05
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

3.154.3 C3C0:0D Maximum Safe Position Deviation

Description	Value
Index	0xC3C0 (Device)
Subindex	0x0D
Datatype	ENUM (UINT4)
Min. Value	
Default	Default Value (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
15 (0x0F)	16 Safe Position Increments
14 (0x0E)	15 Safe Position Increments
13 (0x0D)	14 Safe Position Increments
12 (0x0C)	13 Safe Position Increments
11 (0x0B)	12 Safe Position Increments
10 (0x0A)	11 Safe Position Increments
9 (0x09)	10 Safe Position Increments
8 (0x08)	9 Safe Position Increments
7 (0x07)	8 Safe Position Increments
6 (0x06)	7 Safe Position Increments
5 (0x05)	6 Safe Position Increments
4 (0x04)	5 Safe Position Increments
3 (0x03)	4 Safe Position Increments
2 (0x02)	3 Safe Position Increments
1 (0x01)	2 Safe Position Increments
0 (0x00)	Default Value

3.154.4 C3C0:11 Encoder Direction Shift

Description	Value
Index	0xC3C0 (Device)
Subindex	0x11
Datatype	BIT5

Description	Value
Min. Value	0x00
Default	0x00
Max. Value	0x0F
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.154.5 C3C0:17 Enable 64 Bit Division

Description	Value
Index	0xC3C0 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.154.6 C3C0:19 Encoder Position Shift

Description	Value
Index	0xC3C0 (Device)
Subindex	0x19
Datatype	BIT6
Min. Value	0x00
Default	0x00
Max. Value	0x3D
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.155 C3C1:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Settings

Description	Value
Index	0xC3C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.155.1 C3C1:01 Average Calculation Acceleration

Description	Value
Index	0xC3C1 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

3.155.2 C3C1:05 Average Calculation Velocity

Description	Value
Index	0xC3C1 (Device)
Subindex	0x05
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

3.155.3 C3C1:0D Maximum Safe Position Deviation

Description	Value
Index	0xC3C1 (Device)
Subindex	0x0D
Datatype	ENUM (UINT4)
Min. Value	
Default	Default Value (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
15 (0x0F)	16 Safe Position Increments
14 (0x0E)	15 Safe Position Increments
13 (0x0D)	14 Safe Position Increments
12 (0x0C)	13 Safe Position Increments
11 (0x0B)	12 Safe Position Increments
10 (0x0A)	11 Safe Position Increments
9 (0x09)	10 Safe Position Increments
8 (0x08)	9 Safe Position Increments
7 (0x07)	8 Safe Position Increments
6 (0x06)	7 Safe Position Increments
5 (0x05)	6 Safe Position Increments
4 (0x04)	5 Safe Position Increments
3 (0x03)	4 Safe Position Increments
2 (0x02)	3 Safe Position Increments
1 (0x01)	2 Safe Position Increments
0 (0x00)	Default Value

3.155.4 C3C1:11 Encoder Direction Shift

Description	Value
Index	0xC3C1 (Device)
Subindex	0x11
Datatype	BIT5

Description	Value
Min. Value	0x00
Default	0x00
Max. Value	0x0F
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.155.5 C3C1:17 Enable 64 Bit Division

Description	Value
Index	0xC3C1 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.155.6 C3C1:19 Encoder Position Shift

Description	Value
Index	0xC3C1 (Device)
Subindex	0x19
Datatype	BIT6
Min. Value	0x00
Default	0x00
Max. Value	0x3D
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.156 C3C2:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Referencing Settings

Description	Value
Index	0xC3C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.156.1 C3C2:01 Operation Mode

Description	Value
Index	0xC3C2 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	
Default	Referencing disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Manual Referencing
2 (0x02)	Automatic Referencing, Set Reference Position enabled
1 (0x01)	Automatic Referencing, Set Reference Position disabled
0 (0x00)	Referencing disabled

3.156.2 C3C2:11 Reference SafePostion Singleturn

Description	Value
Index	0xC3C2 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.156.3 C3C2:12 Reference SafePosition Multiturn

Description	Value
Index	0xC3C2 (Device)
Subindex	0x12
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.156.4 C3C2:13 Speed at Reference Position

Description	Value
Index	0xC3C2 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.156.5 C3C2:14 Maximum Singleturn Referenced SafePosition

Description	Value
Index	0xC3C2 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.156.6 C3C2:15 Maximum Multiturn Referenced SafePosition

Description	Value
Index	0xC3C2 (Device)
Subindex	0x15
Datatype	INT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.156.7 C3C2:16 Minimum Singleturn Referenced SafePosition

Description	Value
Index	0xC3C2 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.156.8 C3C2:17 Minimum Multiturn Referenced SafePosition

Description	Value
Index	0xC3C2 (Device)
Subindex	0x17
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.156.9 C3C2:18 Deviation Startup Position

Description	Value
Index	0xC3C2 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.157 C3C3:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Referencing Settings

Description	Value
Index	0xC3C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.157.1 C3C3:01 Operation Mode

Description	Value
Index	0xC3C3 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	
Default	Referencing disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Manual Referencing
2 (0x02)	Automatic Referencing, Set Reference Position enabled
1 (0x01)	Automatic Referencing, Set Reference Position disabled
0 (0x00)	Referencing disabled

3.157.2 C3C3:11 Reference SafePostion Singleturn

Description	Value
Index	0xC3C3 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.157.3 C3C3:12 Reference SafePosition Multiturn

Description	Value
Index	0xC3C3 (Device)
Subindex	0x12
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.157.4 C3C3:13 Speed at Reference Position

Description	Value
Index	0xC3C3 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.157.5 C3C3:14 Maximum Singleturn Referenced SafePosition

Description	Value
Index	0xC3C3 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.157.6 C3C3:15 Maximum Multiturn Referenced SafePosition

Description	Value
Index	0xC3C3 (Device)
Subindex	0x15
Datatype	INT32
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.157.7 C3C3:16 Minimum Singleturn Referenced SafePosition

Description	Value
Index	0xC3C3 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.157.8 C3C3:17 Minimum Multiturn Referenced SafePosition

Description	Value
Index	0xC3C3 (Device)
Subindex	0x17
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.157.9 C3C3:18 Deviation Startup Position

Description	Value
Index	0xC3C3 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.158 C430:x Ch B FSDRIVE SoC Info Data

Description	Value
Index	0xC430 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.158.1 C430:01 Current Phase U

Description	Value
Index	0xC430 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.158.2 C430:02 Current Phase V

Description	Value
Index	0xC430 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.158.3 C430:03 Current Phase W

Description	Value
Index	0xC430 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.159 C4B0:x Ch B FSDRIVE Encoder Diag Data

Description	Value
Index	0xC4B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.159.1 C4B0:01 State

Description	Value
Index	0xC4B0 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.159.2 C4B0:02 Error Code

Description	Value
Index	0xC4B0 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160 C4C0:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Parameter

Description	Value
Index	0xC4C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	37 (0x25)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.1 C4C0:01 Encoder Identification

Description	Value
Index	0xC4C0 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.2 C4C0:02 ID

Description	Value
Index	0xC4C0 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.3 C4C0:03 SN

Description	Value
Index	0xC4C0 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.4 C4C0:04 Protocol

Safety OCT, EnDat 2.2 or EnDat 3

Description	Value
Index	0xC4C0 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.5 C4C0:05 Encoder Type

rotary or linear encoder type

Description	Value
Index	0xC4C0 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.6 C4C0:06 Reserved_0

Description	Value
Index	0xC4C0 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.7 C4C0:07 Motor Serial Number

Description	Value
Index	0xC4C0 (Device)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.8 C4C0:08 EnDat 2.2 Multiturn Bits

Description	Value
Index	0xC4C0 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.9 C4C0:09 EnDat 2.2 Singleturn Bits

Description	Value
Index	0xC4C0 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.10 C4C0:0A EnDat 2.2 Short Recovery Time

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.11 C4C0:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.12 C4C0:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.13 C4C0:0D EnDat 2.2 NumberOfClocksForPosValue

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.14 C4C0:0E EnDat 2.2 Forced Sampling Status

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.15 C4C0:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.16 C4C0:10 EnDat 2.2 SafetyRelevantMeasuringSteps

Description	Value
Index	0xC4C0 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.17 C4C0:11 EnDat 2.2 Datum Shift

Description	Value
Index	0xC4C0 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.18 C4C0:12 SafetyOCT SafetyRelatedEncResolutionCh1

Description	Value
Index	0xC4C0 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.19 C4C0:13 SafetyOCT SafetyRelatedEncResolutionCh2

Description	Value
Index	0xC4C0 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.20 C4C0:14 SafetyOCT Encoder Range

Description	Value
Index	0xC4C0 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.21 C4C0:15 SafetyOCT Reserved_1

Description	Value
Index	0xC4C0 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.22 C4C0:16 SafetyOCT Firmware

Description	Value
Index	0xC4C0 (Device)
Subindex	0x16
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.23 C4C0:17 SafetyOCT Firmware Date

Description	Value
Index	0xC4C0 (Device)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.24 C4C0:18 SafetyOCT Encoder Index

Description	Value
Index	0xC4C0 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.25 C4C0:19 SafetyOCT Encoder Index Status

Description	Value
Index	0xC4C0 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.26 C4C0:1A SafetyOCT Position Offset

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.27 C4C0:1B Primary Feedback Parameter CRC

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.160.28 C4C0:1C EnDat 3 DataTestLowerLimitPos

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.29 C4C0:1D EnDat 3 DataTestUpperLimitPos

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.30 C4C0:1E EnDat 3 DataTestOffsetPosFS

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.31 C4C0:1F EnDat 3 DataTestOffsetPos

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1F
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.32 C4C0:20 EnDat 3 DataTestNumSafePosBits

Description	Value
Index	0xC4C0 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.33 C4C0:21 EnDat 3 SafetyBits

Description	Value
Index	0xC4C0 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.34 C4C0:22 EnDat 3 AxisAddress

Description	Value
Index	0xC4C0 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.35 C4C0:23 EnDat 3 Multiturn Bits

Description	Value
Index	0xC4C0 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.36 C4C0:24 EnDat 3 Singleturn Bits

Description	Value
Index	0xC4C0 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.160.37 C4C0:25 Primary Feedback EnDat3 Parameter CRC

Description	Value
Index	0xC4C0 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.161 C4C1:x Ch B SAFEDRIVEFEEDBACK Primary Feedback State

Description	Value
Index	0xC4C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.161.1 C4C1:01 Feedback Drive Application State

Description	Value
Index	0xC4C1 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162 C4C2:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Parameter

Description	Value
Index	0xC4C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	37 (0x25)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.1 C4C2:01 Encoder Identification

Description	Value
Index	0xC4C2 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.2 C4C2:02 ID

Description	Value
Index	0xC4C2 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.3 C4C2:03 SN

Description	Value
Index	0xC4C2 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.4 C4C2:04 Protocol

Safety OCT, EnDat 2.2 or EnDat 3

Description	Value
Index	0xC4C2 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.5 C4C2:05 Encoder Type

rotary or linear encoder type

Description	Value
Index	0xC4C2 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.6 C4C2:06 Reserved_0

Description	Value
Index	0xC4C2 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.7 C4C2:07 Motor Serial Number

Description	Value
Index	0xC4C2 (Device)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.8 C4C2:08 EnDat 2.2 Multiturn Bits

Description	Value
Index	0xC4C2 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.9 C4C2:09 EnDat 2.2 Singleturn Bits

Description	Value
Index	0xC4C2 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.10 C4C2:0A EnDat 2.2 Short Recovery Time

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.11 C4C2:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.12 C4C2:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.13 C4C2:0D EnDat 2.2 NumberOfClocksForPosValue

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.14 C4C2:0E EnDat 2.2 Forced Sampling Status

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.15 C4C2:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.16 C4C2:10 EnDat 2.2 SafetyRelevantMeasuringSteps

Description	Value
Index	0xC4C2 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.17 C4C2:11 EnDat 2.2 Datum Shift

Description	Value
Index	0xC4C2 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.18 C4C2:12 SafetyOCT SafetyRelatedEncResolutionCh1

Description	Value
Index	0xC4C2 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.19 C4C2:13 SafetyOCT SafetyRelatedEncResolutionCh2

Description	Value
Index	0xC4C2 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.20 C4C2:14 SafetyOCT Encoder Range

Description	Value
Index	0xC4C2 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.21 C4C2:15 SafetyOCT Reserved_1

Description	Value
Index	0xC4C2 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.22 C4C2:16 SafetyOCT Firmware

Description	Value
Index	0xC4C2 (Device)
Subindex	0x16
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.23 C4C2:17 SafetyOCT Firmware Date

Description	Value
Index	0xC4C2 (Device)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.24 C4C2:18 SafetyOCT Encoder Index

Description	Value
Index	0xC4C2 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.25 C4C2:19 SafetyOCT Encoder Index Status

Description	Value
Index	0xC4C2 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.26 C4C2:1A SafetyOCT Position Offset

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.27 C4C2:1B Secondary Feedback Parameter CRC

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.162.28 C4C2:1C EnDat 3 DataTestLowerLimitPos

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.29 C4C2:1D EnDat 3 DataTestUpperLimitPos

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.30 C4C2:1E EnDat 3 DataTestOffsetPosFS

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.31 C4C2:1F EnDat 3 DataTestOffsetPos

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1F
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.32 C4C2:20 EnDat 3 DataTestNumSafePosBits

Description	Value
Index	0xC4C2 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.33 C4C2:21 EnDat 3 SafetyBits

Description	Value
Index	0xC4C2 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.34 C4C2:22 EnDat 3 AxisAddress

Description	Value
Index	0xC4C2 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.35 C4C2:23 EnDat 3 Multiturn Bits

Description	Value
Index	0xC4C2 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.36 C4C2:24 EnDat 3 Singleturn Bits

Description	Value
Index	0xC4C2 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.162.37 C4C2:25 Secondary Feedback EnDat3 Parameter CRC

Description	Value
Index	0xC4C2 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

3.163 C4C3:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback State

Description	Value
Index	0xC4C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.163.1 C4C3:01 Feedback Drive Application State

Description	Value
Index	0xC4C3 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.164 C4CC:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Diag Data

Description	Value
Index	0xC4CC (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.164.1 C4CC:01 State

Description	Value
Index	0xC4CC (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.164.2 C4CC:02 Error Code

Description	Value
Index	0xC4CC (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.165 C4CD:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Diag Data

Description	Value
Index	0xC4CD (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.165.1 C4CD:01 State

Description	Value
Index	0xC4CD (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.165.2 C4CD:02 Error Code

Description	Value
Index	0xC4CD (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.166 E600:x FSOE Connection 1 Slave Frame Elements

Description	Value
Index	0xE600 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.166.1 E600:01 FSoE Slave Cmd

Description	Value
Index	0xE600 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.2 E600:02 FSoE Slave ConnID

Description	Value
Index	0xE600 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.3 E600:03 FSoE Slave CRC_0

Description	Value
Index	0xE600 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.4 E600:04 FSoE Slave CRC_1

Description	Value
Index	0xE600 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.5 E600:05 FSoE Slave CRC_2

Description	Value
Index	0xE600 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.6 E600:06 FSoE Slave CRC_3

Description	Value
Index	0xE600 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.7 E600:07 FSoE Slave CRC_4

Description	Value
Index	0xE600 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.8 E600:08 FSoE Slave CRC_5

Description	Value
Index	0xE600 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.9 E600:09 FSoE Slave CRC_6

Description	Value
Index	0xE600 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.10 E600:0A FSoE Slave CRC_7

Description	Value
Index	0xE600 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.11 E600:0B FSoE Slave CRC_8

Description	Value
Index	0xE600 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.12 E600:0C FSoE Slave CRC_9

Description	Value
Index	0xE600 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.13 E600:0D FSoE Slave CRC_10

Description	Value
Index	0xE600 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.14 E600:0E FSoE Slave CRC_11

Description	Value
Index	0xE600 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.15 E600:0F FSoE Slave CRC_12

Description	Value
Index	0xE600 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.166.16 E600:10 FSoE Slave CRC_13

Description	Value
Index	0xE600 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167 E610:x FSOE Connection 2 Slave Frame Elements

Description	Value
Index	0xE610 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.167.1 E610:01 FSoE Slave Cmd

Description	Value
Index	0xE610 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.2 E610:02 FSoE Slave ConnID

Description	Value
Index	0xE610 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.3 E610:03 FSoE Slave CRC_0

Description	Value
Index	0xE610 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.4 E610:04 FSoE Slave CRC_1

Description	Value
Index	0xE610 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.5 E610:05 FSoE Slave CRC_2

Description	Value
Index	0xE610 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.6 E610:06 FSoE Slave CRC_3

Description	Value
Index	0xE610 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.7 E610:07 FSoE Slave CRC_4

Description	Value
Index	0xE610 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.8 E610:08 FSoE Slave CRC_5

Description	Value
Index	0xE610 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.9 E610:09 FSoE Slave CRC_6

Description	Value
Index	0xE610 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.10 E610:0A FSoE Slave CRC_7

Description	Value
Index	0xE610 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.11 E610:0B FSoE Slave CRC_8

Description	Value
Index	0xE610 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.12 E610:0C FSoE Slave CRC_9

Description	Value
Index	0xE610 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.13 E610:0D FSoE Slave CRC_10

Description	Value
Index	0xE610 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.14 E610:0E FSoE Slave CRC_11

Description	Value
Index	0xE610 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.15 E610:0F FSoE Slave CRC_12

Description	Value
Index	0xE610 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.167.16 E610:10 FSoE Slave CRC_13

Description	Value
Index	0xE610 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168 E620:x FSOE Connection 3 Slave Frame Elements

Description	Value
Index	0xE620 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.168.1 E620:01 FSoE Slave Cmd

Description	Value
Index	0xE620 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.2 E620:02 FSoE Slave ConnID

Description	Value
Index	0xE620 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.3 E620:03 FSoE Slave CRC_0

Description	Value
Index	0xE620 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.4 E620:04 FSoE Slave CRC_1

Description	Value
Index	0xE620 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.5 E620:05 FSoE Slave CRC_2

Description	Value
Index	0xE620 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.6 E620:06 FSoE Slave CRC_3

Description	Value
Index	0xE620 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.7 E620:07 FSoE Slave CRC_4

Description	Value
Index	0xE620 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.8 E620:08 FSoE Slave CRC_5

Description	Value
Index	0xE620 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.9 E620:09 FSoE Slave CRC_6

Description	Value
Index	0xE620 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.10 E620:0A FSoE Slave CRC_7

Description	Value
Index	0xE620 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.11 E620:0B FSoE Slave CRC_8

Description	Value
Index	0xE620 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.12 E620:0C FSoE Slave CRC_9

Description	Value
Index	0xE620 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.13 E620:0D FSoE Slave CRC_10

Description	Value
Index	0xE620 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.14 E620:0E FSoE Slave CRC_11

Description	Value
Index	0xE620 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.15 E620:0F FSoE Slave CRC_12

Description	Value
Index	0xE620 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.168.16 E620:10 FSoE Slave CRC_13

Description	Value
Index	0xE620 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169 E630:x FSOE Connection 4 Slave Frame Elements

Description	Value
Index	0xE630 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.169.1 E630:01 FSoE Slave Cmd

Description	Value
Index	0xE630 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.2 E630:02 FSoE Slave ConnID

Description	Value
Index	0xE630 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.3 E630:03 FSoE Slave CRC_0

Description	Value
Index	0xE630 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.4 E630:04 FSoE Slave CRC_1

Description	Value
Index	0xE630 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.5 E630:05 FSoE Slave CRC_2

Description	Value
Index	0xE630 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.6 E630:06 FSoE Slave CRC_3

Description	Value
Index	0xE630 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.7 E630:07 FSoE Slave CRC_4

Description	Value
Index	0xE630 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.8 E630:08 FSoE Slave CRC_5

Description	Value
Index	0xE630 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.9 E630:09 FSoE Slave CRC_6

Description	Value
Index	0xE630 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.10 E630:0A FSoE Slave CRC_7

Description	Value
Index	0xE630 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.11 E630:0B FSoE Slave CRC_8

Description	Value
Index	0xE630 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.12 E630:0C FSoE Slave CRC_9

Description	Value
Index	0xE630 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.13 E630:0D FSoE Slave CRC_10

Description	Value
Index	0xE630 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.14 E630:0E FSoE Slave CRC_11

Description	Value
Index	0xE630 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.15 E630:0F FSoE Slave CRC_12

Description	Value
Index	0xE630 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.169.16 E630:10 FSoE Slave CRC_13

Description	Value
Index	0xE630 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170 E640:x FSOE Connection 5 Slave Frame Elements

Description	Value
Index	0xE640 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.170.1 E640:01 FSoE Slave Cmd

Description	Value
Index	0xE640 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.2 E640:02 FSoE Slave ConnID

Description	Value
Index	0xE640 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.3 E640:03 FSoE Slave CRC_0

Description	Value
Index	0xE640 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.4 E640:04 FSoE Slave CRC_1

Description	Value
Index	0xE640 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.5 E640:05 FSoE Slave CRC_2

Description	Value
Index	0xE640 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.6 E640:06 FSoE Slave CRC_3

Description	Value
Index	0xE640 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.7 E640:07 FSoE Slave CRC_4

Description	Value
Index	0xE640 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.8 E640:08 FSoE Slave CRC_5

Description	Value
Index	0xE640 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.9 E640:09 FSoE Slave CRC_6

Description	Value
Index	0xE640 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.10 E640:0A FSoE Slave CRC_7

Description	Value
Index	0xE640 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.11 E640:0B FSoE Slave CRC_8

Description	Value
Index	0xE640 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.12 E640:0C FSoE Slave CRC_9

Description	Value
Index	0xE640 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.13 E640:0D FSoE Slave CRC_10

Description	Value
Index	0xE640 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.14 E640:0E FSoE Slave CRC_11

Description	Value
Index	0xE640 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.15 E640:0F FSoE Slave CRC_12

Description	Value
Index	0xE640 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.170.16 E640:10 FSoE Slave CRC_13

Description	Value
Index	0xE640 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171 E650:x FSOE Connection 6 Slave Frame Elements

Description	Value
Index	0xE650 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.171.1 E650:01 FSoE Slave Cmd

Description	Value
Index	0xE650 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.2 E650:02 FSoE Slave ConnID

Description	Value
Index	0xE650 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.3 E650:03 FSoE Slave CRC_0

Description	Value
Index	0xE650 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.4 E650:04 FSoE Slave CRC_1

Description	Value
Index	0xE650 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.5 E650:05 FSoE Slave CRC_2

Description	Value
Index	0xE650 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.6 E650:06 FSoE Slave CRC_3

Description	Value
Index	0xE650 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.7 E650:07 FSoE Slave CRC_4

Description	Value
Index	0xE650 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.8 E650:08 FSoE Slave CRC_5

Description	Value
Index	0xE650 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.9 E650:09 FSoE Slave CRC_6

Description	Value
Index	0xE650 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.10 E650:0A FSoE Slave CRC_7

Description	Value
Index	0xE650 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.11 E650:0B FSoE Slave CRC_8

Description	Value
Index	0xE650 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.12 E650:0C FSoE Slave CRC_9

Description	Value
Index	0xE650 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.13 E650:0D FSoE Slave CRC_10

Description	Value
Index	0xE650 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.14 E650:0E FSoE Slave CRC_11

Description	Value
Index	0xE650 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.15 E650:0F FSoE Slave CRC_12

Description	Value
Index	0xE650 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.171.16 E650:10 FSoE Slave CRC_13

Description	Value
Index	0xE650 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172 E660:x FSOE Connection 7 Slave Frame Elements

Description	Value
Index	0xE660 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.172.1 E660:01 FSoE Slave Cmd

Description	Value
Index	0xE660 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.2 E660:02 FSoE Slave ConnID

Description	Value
Index	0xE660 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.3 E660:03 FSoE Slave CRC_0

Description	Value
Index	0xE660 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.4 E660:04 FSoE Slave CRC_1

Description	Value
Index	0xE660 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.5 E660:05 FSoE Slave CRC_2

Description	Value
Index	0xE660 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.6 E660:06 FSoE Slave CRC_3

Description	Value
Index	0xE660 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.7 E660:07 FSoE Slave CRC_4

Description	Value
Index	0xE660 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.8 E660:08 FSoE Slave CRC_5

Description	Value
Index	0xE660 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.9 E660:09 FSoE Slave CRC_6

Description	Value
Index	0xE660 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.10 E660:0A FSoE Slave CRC_7

Description	Value
Index	0xE660 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.11 E660:0B FSoE Slave CRC_8

Description	Value
Index	0xE660 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.12 E660:0C FSoE Slave CRC_9

Description	Value
Index	0xE660 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.13 E660:0D FSoE Slave CRC_10

Description	Value
Index	0xE660 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.14 E660:0E FSoE Slave CRC_11

Description	Value
Index	0xE660 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.15 E660:0F FSoE Slave CRC_12

Description	Value
Index	0xE660 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.172.16 E660:10 FSoE Slave CRC_13

Description	Value
Index	0xE660 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173 E670:x FSOE Connection 8 Slave Frame Elements

Description	Value
Index	0xE670 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.173.1 E670:01 FSoE Slave Cmd

Description	Value
Index	0xE670 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.2 E670:02 FSoE Slave ConnID

Description	Value
Index	0xE670 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.3 E670:03 FSoE Slave CRC_0

Description	Value
Index	0xE670 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.4 E670:04 FSoE Slave CRC_1

Description	Value
Index	0xE670 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.5 E670:05 FSoE Slave CRC_2

Description	Value
Index	0xE670 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.6 E670:06 FSoE Slave CRC_3

Description	Value
Index	0xE670 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.7 E670:07 FSoE Slave CRC_4

Description	Value
Index	0xE670 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.8 E670:08 FSoE Slave CRC_5

Description	Value
Index	0xE670 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.9 E670:09 FSoE Slave CRC_6

Description	Value
Index	0xE670 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.10 E670:0A FSoE Slave CRC_7

Description	Value
Index	0xE670 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.11 E670:0B FSoE Slave CRC_8

Description	Value
Index	0xE670 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.12 E670:0C FSoE Slave CRC_9

Description	Value
Index	0xE670 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.13 E670:0D FSoE Slave CRC_10

Description	Value
Index	0xE670 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.14 E670:0E FSoE Slave CRC_11

Description	Value
Index	0xE670 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.15 E670:0F FSoE Slave CRC_12

Description	Value
Index	0xE670 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.173.16 E670:10 FSoE Slave CRC_13

Description	Value
Index	0xE670 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.174 E700:x FSOE Connection 1 Master Frame Elements

Description	Value
Index	0xE700 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.174.1 E700:01 FSoE Master Cmd

Description	Value
Index	0xE700 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.2 E700:02 FSoE Master ConnID

Description	Value
Index	0xE700 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.3 E700:03 FSoE Master CRC_0

Description	Value
Index	0xE700 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.4 E700:04 FSoE Master CRC_1

Description	Value
Index	0xE700 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.5 E700:05 FSoE Master CRC_2

Description	Value
Index	0xE700 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.6 E700:06 FSoE Master CRC_3

Description	Value
Index	0xE700 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.7 E700:07 FSoE Master CRC_4

Description	Value
Index	0xE700 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.8 E700:08 FSoE Master CRC_5

Description	Value
Index	0xE700 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.9 E700:09 FSoE Master CRC_6

Description	Value
Index	0xE700 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.10 E700:0A FSoE Master CRC_7

Description	Value
Index	0xE700 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.11 E700:0B FSoE Master CRC_8

Description	Value
Index	0xE700 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.12 E700:0C FSoE Master CRC_9

Description	Value
Index	0xE700 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.13 E700:0D FSoE Master CRC_10

Description	Value
Index	0xE700 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.14 E700:0E FSoE Master CRC_11

Description	Value
Index	0xE700 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.15 E700:0F FSoE Master CRC_12

Description	Value
Index	0xE700 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.174.16 E700:10 FSoE Master CRC_13

Description	Value
Index	0xE700 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175 E710:x FSOE Connection 2 Master Frame Elements

Description	Value
Index	0xE710 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.175.1 E710:01 FSoE Master Cmd

Description	Value
Index	0xE710 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.2 E710:02 FSoE Master ConnID

Description	Value
Index	0xE710 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.3 E710:03 FSoE Master CRC_0

Description	Value
Index	0xE710 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.4 E710:04 FSoE Master CRC_1

Description	Value
Index	0xE710 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.5 E710:05 FSoE Master CRC_2

Description	Value
Index	0xE710 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.6 E710:06 FSoE Master CRC_3

Description	Value
Index	0xE710 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.7 E710:07 FSoE Master CRC_4

Description	Value
Index	0xE710 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.8 E710:08 FSoE Master CRC_5

Description	Value
Index	0xE710 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.9 E710:09 FSoE Master CRC_6

Description	Value
Index	0xE710 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.10 E710:0A FSoE Master CRC_7

Description	Value
Index	0xE710 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.11 E710:0B FSoE Master CRC_8

Description	Value
Index	0xE710 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.12 E710:0C FSoE Master CRC_9

Description	Value
Index	0xE710 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.13 E710:0D FSoE Master CRC_10

Description	Value
Index	0xE710 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.14 E710:0E FSoE Master CRC_11

Description	Value
Index	0xE710 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.15 E710:0F FSoE Master CRC_12

Description	Value
Index	0xE710 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.175.16 E710:10 FSoE Master CRC_13

Description	Value
Index	0xE710 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176 E720:x FSOE Connection 3 Master Frame Elements

Description	Value
Index	0xE720 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.176.1 E720:01 FSoE Master Cmd

Description	Value
Index	0xE720 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.2 E720:02 FSoE Master ConnID

Description	Value
Index	0xE720 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.3 E720:03 FSoE Master CRC_0

Description	Value
Index	0xE720 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.4 E720:04 FSoE Master CRC_1

Description	Value
Index	0xE720 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.5 E720:05 FSoE Master CRC_2

Description	Value
Index	0xE720 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.6 E720:06 FSoE Master CRC_3

Description	Value
Index	0xE720 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.7 E720:07 FSoE Master CRC_4

Description	Value
Index	0xE720 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.8 E720:08 FSoE Master CRC_5

Description	Value
Index	0xE720 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.9 E720:09 FSoE Master CRC_6

Description	Value
Index	0xE720 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.10 E720:0A FSoE Master CRC_7

Description	Value
Index	0xE720 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.11 E720:0B FSoE Master CRC_8

Description	Value
Index	0xE720 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.12 E720:0C FSoE Master CRC_9

Description	Value
Index	0xE720 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.13 E720:0D FSoE Master CRC_10

Description	Value
Index	0xE720 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.14 E720:0E FSoE Master CRC_11

Description	Value
Index	0xE720 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.15 E720:0F FSoE Master CRC_12

Description	Value
Index	0xE720 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.176.16 E720:10 FSoE Master CRC_13

Description	Value
Index	0xE720 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177 E730:x FSOE Connection 4 Master Frame Elements

Description	Value
Index	0xE730 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.177.1 E730:01 FSoE Master Cmd

Description	Value
Index	0xE730 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.2 E730:02 FSoE Master ConnID

Description	Value
Index	0xE730 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.3 E730:03 FSoE Master CRC_0

Description	Value
Index	0xE730 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.4 E730:04 FSoE Master CRC_1

Description	Value
Index	0xE730 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.5 E730:05 FSoE Master CRC_2

Description	Value
Index	0xE730 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.6 E730:06 FSoE Master CRC_3

Description	Value
Index	0xE730 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.7 E730:07 FSoE Master CRC_4

Description	Value
Index	0xE730 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.8 E730:08 FSoE Master CRC_5

Description	Value
Index	0xE730 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.9 E730:09 FSoE Master CRC_6

Description	Value
Index	0xE730 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.10 E730:0A FSoE Master CRC_7

Description	Value
Index	0xE730 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.11 E730:0B FSoE Master CRC_8

Description	Value
Index	0xE730 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.12 E730:0C FSoE Master CRC_9

Description	Value
Index	0xE730 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.13 E730:0D FSoE Master CRC_10

Description	Value
Index	0xE730 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.14 E730:0E FSoE Master CRC_11

Description	Value
Index	0xE730 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.15 E730:0F FSoE Master CRC_12

Description	Value
Index	0xE730 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.177.16 E730:10 FSoE Master CRC_13

Description	Value
Index	0xE730 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178 E740:x FSOE Connection 5 Master Frame Elements

Description	Value
Index	0xE740 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.178.1 E740:01 FSoE Master Cmd

Description	Value
Index	0xE740 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.2 E740:02 FSoE Master ConnID

Description	Value
Index	0xE740 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.3 E740:03 FSoE Master CRC_0

Description	Value
Index	0xE740 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.4 E740:04 FSoE Master CRC_1

Description	Value
Index	0xE740 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.5 E740:05 FSoE Master CRC_2

Description	Value
Index	0xE740 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.6 E740:06 FSoE Master CRC_3

Description	Value
Index	0xE740 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.7 E740:07 FSoE Master CRC_4

Description	Value
Index	0xE740 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.8 E740:08 FSoE Master CRC_5

Description	Value
Index	0xE740 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.9 E740:09 FSoE Master CRC_6

Description	Value
Index	0xE740 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.10 E740:0A FSoE Master CRC_7

Description	Value
Index	0xE740 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.11 E740:0B FSoE Master CRC_8

Description	Value
Index	0xE740 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.12 E740:0C FSoE Master CRC_9

Description	Value
Index	0xE740 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.13 E740:0D FSoE Master CRC_10

Description	Value
Index	0xE740 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.14 E740:0E FSoE Master CRC_11

Description	Value
Index	0xE740 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.15 E740:0F FSoE Master CRC_12

Description	Value
Index	0xE740 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.178.16 E740:10 FSoE Master CRC_13

Description	Value
Index	0xE740 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179 E750:x FSOE Connection 6 Master Frame Elements

Description	Value
Index	0xE750 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.179.1 E750:01 FSoE Master Cmd

Description	Value
Index	0xE750 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.2 E750:02 FSoE Master ConnID

Description	Value
Index	0xE750 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.3 E750:03 FSoE Master CRC_0

Description	Value
Index	0xE750 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.4 E750:04 FSoE Master CRC_1

Description	Value
Index	0xE750 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.5 E750:05 FSoE Master CRC_2

Description	Value
Index	0xE750 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.6 E750:06 FSoE Master CRC_3

Description	Value
Index	0xE750 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.7 E750:07 FSoE Master CRC_4

Description	Value
Index	0xE750 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.8 E750:08 FSoE Master CRC_5

Description	Value
Index	0xE750 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.9 E750:09 FSoE Master CRC_6

Description	Value
Index	0xE750 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.10 E750:0A FSoE Master CRC_7

Description	Value
Index	0xE750 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.11 E750:0B FSoE Master CRC_8

Description	Value
Index	0xE750 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.12 E750:0C FSoE Master CRC_9

Description	Value
Index	0xE750 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.13 E750:0D FSoE Master CRC_10

Description	Value
Index	0xE750 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.14 E750:0E FSoE Master CRC_11

Description	Value
Index	0xE750 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.15 E750:0F FSoE Master CRC_12

Description	Value
Index	0xE750 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.179.16 E750:10 FSoE Master CRC_13

Description	Value
Index	0xE750 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180 E760:x FSOE Connection 7 Master Frame Elements

Description	Value
Index	0xE760 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.180.1 E760:01 FSoE Master Cmd

Description	Value
Index	0xE760 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.2 E760:02 FSoE Master ConnID

Description	Value
Index	0xE760 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.3 E760:03 FSoE Master CRC_0

Description	Value
Index	0xE760 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.4 E760:04 FSoE Master CRC_1

Description	Value
Index	0xE760 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.5 E760:05 FSoE Master CRC_2

Description	Value
Index	0xE760 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.6 E760:06 FSoE Master CRC_3

Description	Value
Index	0xE760 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.7 E760:07 FSoE Master CRC_4

Description	Value
Index	0xE760 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.8 E760:08 FSoE Master CRC_5

Description	Value
Index	0xE760 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.9 E760:09 FSoE Master CRC_6

Description	Value
Index	0xE760 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.10 E760:0A FSoE Master CRC_7

Description	Value
Index	0xE760 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.11 E760:0B FSoE Master CRC_8

Description	Value
Index	0xE760 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.12 E760:0C FSoE Master CRC_9

Description	Value
Index	0xE760 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.13 E760:0D FSoE Master CRC_10

Description	Value
Index	0xE760 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.14 E760:0E FSoE Master CRC_11

Description	Value
Index	0xE760 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.15 E760:0F FSoE Master CRC_12

Description	Value
Index	0xE760 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.180.16 E760:10 FSoE Master CRC_13

Description	Value
Index	0xE760 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181 E770:x FSOE Connection 8 Master Frame Elements

Description	Value
Index	0xE770 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.181.1 E770:01 FSoE Master Cmd

Description	Value
Index	0xE770 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.2 E770:02 FSoE Master ConnID

Description	Value
Index	0xE770 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.3 E770:03 FSoE Master CRC_0

Description	Value
Index	0xE770 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.4 E770:04 FSoE Master CRC_1

Description	Value
Index	0xE770 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.5 E770:05 FSoE Master CRC_2

Description	Value
Index	0xE770 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.6 E770:06 FSoE Master CRC_3

Description	Value
Index	0xE770 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.7 E770:07 FSoE Master CRC_4

Description	Value
Index	0xE770 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.8 E770:08 FSoE Master CRC_5

Description	Value
Index	0xE770 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.9 E770:09 FSoE Master CRC_6

Description	Value
Index	0xE770 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.10 E770:0A FSoE Master CRC_7

Description	Value
Index	0xE770 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.11 E770:0B FSoE Master CRC_8

Description	Value
Index	0xE770 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.12 E770:0C FSoE Master CRC_9

Description	Value
Index	0xE770 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.13 E770:0D FSoE Master CRC_10

Description	Value
Index	0xE770 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.14 E770:0E FSoE Master CRC_11

Description	Value
Index	0xE770 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.15 E770:0F FSoE Master CRC_12

Description	Value
Index	0xE770 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.181.16 E770:10 FSoE Master CRC_13

Description	Value
Index	0xE770 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.182 E901:x FSOE Connection 1 Communication Parameter

Description	Value
Index	0xE901 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.182.1 E901:01 Version

Description	Value
Index	0xE901 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	01
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.182.2 E901:02 Safety Address

Description	Value
Index	0xE901 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	1 (0x0001)
Default	0
Max. Value	1023 (0x03FF)
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.182.3 E901:03 Connection ID

Description	Value
Index	0xE901 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	1 (0x0001)

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.182.4 E901:04 Watchdog Time

Description	Value
Index	0xE901 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	2 (0x0002)
Default	100 (0x0064)
Max. Value	60000 (0xEA60)
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.182.5 E901:05 Unique Device ID

Description	Value
Index	0xE901 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	00 00 00 00 00 00
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.182.6 E901:06 Connection Type

Description	Value
Index	0xE901 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	1 (0x0001)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.182.7 E901:07 Communication Parameter Length

Description	Value
Index	0xE901 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.182.8 E901:08 Application Parameter Length

Description	Value
Index	0xE901 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.183 E911:x FSOE Connection 2 Communication Parameter

Description	Value
Index	0xE911 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.183.1 E911:01 Version

Description	Value
Index	0xE911 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.183.2 E911:02 Safety Address

Description	Value
Index	0xE911 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.183.3 E911:03 Connection ID

Description	Value
Index	0xE911 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.183.4 E911:04 Watchdog Time

Description	Value
Index	0xE911 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.183.5 E911:05 Unique Device ID

Description	Value
Index	0xE911 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.183.6 E911:06 Connection Type

Description	Value
Index	0xE911 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.183.7 E911:07 Communication Parameter Length

Description	Value
Index	0xE911 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.183.8 E911:08 Application Parameter Length

Description	Value
Index	0xE911 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.184 E921:x FSOE Connection 3 Communication Parameter

Description	Value
Index	0xE921 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.184.1 E921:01 Version

Description	Value
Index	0xE921 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.184.2 E921:02 Safety Address

Description	Value
Index	0xE921 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.184.3 E921:03 Connection ID

Description	Value
Index	0xE921 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.184.4 E921:04 Watchdog Time

Description	Value
Index	0xE921 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.184.5 E921:05 Unique Device ID

Description	Value
Index	0xE921 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.184.6 E921:06 Connection Type

Description	Value
Index	0xE921 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.184.7 E921:07 Communication Parameter Length

Description	Value
Index	0xE921 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.184.8 E921:08 Application Parameter Length

Description	Value
Index	0xE921 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.185 E931:x FSOE Connection 4 Communication Parameter

Description	Value
Index	0xE931 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.185.1 E931:01 Version

Description	Value
Index	0xE931 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.185.2 E931:02 Safety Address

Description	Value
Index	0xE931 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.185.3 E931:03 Connection ID

Description	Value
Index	0xE931 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.185.4 E931:04 Watchdog Time

Description	Value
Index	0xE931 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.185.5 E931:05 Unique Device ID

Description	Value
Index	0xE931 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.185.6 E931:06 Connection Type

Description	Value
Index	0xE931 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.185.7 E931:07 Communication Parameter Length

Description	Value
Index	0xE931 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.185.8 E931:08 Application Parameter Length

Description	Value
Index	0xE931 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.186 E941:x FSOE Connection 5 Communication Parameter

Description	Value
Index	0xE941 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.186.1 E941:01 Version

Description	Value
Index	0xE941 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.186.2 E941:02 Safety Address

Description	Value
Index	0xE941 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.186.3 E941:03 Connection ID

Description	Value
Index	0xE941 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.186.4 E941:04 Watchdog Time

Description	Value
Index	0xE941 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.186.5 E941:05 Unique Device ID

Description	Value
Index	0xE941 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.186.6 E941:06 Connection Type

Description	Value
Index	0xE941 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.186.7 E941:07 Communication Parameter Length

Description	Value
Index	0xE941 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.186.8 E941:08 Application Parameter Length

Description	Value
Index	0xE941 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.187 E951:x FSOE Connection 6 Communication Parameter

Description	Value
Index	0xE951 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.187.1 E951:01 Version

Description	Value
Index	0xE951 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.187.2 E951:02 Safety Address

Description	Value
Index	0xE951 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.187.3 E951:03 Connection ID

Description	Value
Index	0xE951 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.187.4 E951:04 Watchdog Time

Description	Value
Index	0xE951 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.187.5 E951:05 Unique Device ID

Description	Value
Index	0xE951 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.187.6 E951:06 Connection Type

Description	Value
Index	0xE951 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.187.7 E951:07 Communication Parameter Length

Description	Value
Index	0xE951 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.187.8 E951:08 Application Parameter Length

Description	Value
Index	0xE951 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.188 E961:x FSOE Connection 7 Communication Parameter

Description	Value
Index	0xE961 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.188.1 E961:01 Version

Description	Value
Index	0xE961 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.188.2 E961:02 Safety Address

Description	Value
Index	0xE961 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.188.3 E961:03 Connection ID

Description	Value
Index	0xE961 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.188.4 E961:04 Watchdog Time

Description	Value
Index	0xE961 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.188.5 E961:05 Unique Device ID

Description	Value
Index	0xE961 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.188.6 E961:06 Connection Type

Description	Value
Index	0xE961 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.188.7 E961:07 Communication Parameter Length

Description	Value
Index	0xE961 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.188.8 E961:08 Application Parameter Length

Description	Value
Index	0xE961 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.189 E971:x FSOE Connection 8 Communication Parameter

Description	Value
Index	0xE971 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.189.1 E971:01 Version

Description	Value
Index	0xE971 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.189.2 E971:02 Safety Address

Description	Value
Index	0xE971 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.189.3 E971:03 Connection ID

Description	Value
Index	0xE971 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.189.4 E971:04 Watchdog Time

Description	Value
Index	0xE971 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.189.5 E971:05 Unique Device ID

Description	Value
Index	0xE971 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.189.6 E971:06 Connection Type

Description	Value
Index	0xE971 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.189.7 E971:07 Communication Parameter Length

Description	Value
Index	0xE971 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.189.8 E971:08 Application Parameter Length

Description	Value
Index	0xE971 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.190 F100:x FSLOGIC Status

Description	Value
Index	0xF100 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.190.1 F100:01 Safe Logic State

Description	Value
Index	0xF100 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.190.2 F100:02 Cycle Counter

Description	Value
Index	0xF100 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.190.3 F100:03 Number Of Groups In Work

Description	Value
Index	0xF100 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.190.4 F100:04 Number Of Connections In Work

Description	Value
Index	0xF100 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.190.5 F100:05 Cycle Start Difference

Description	Value
Index	0xF100 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.191 F180 Local Safety Inputs

Description	Value
Index	0xF180 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

3.192 F181 Local Safety Outputs

Description	Value
Index	0xF181 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

3.193 F188:x FB 1-255 State

Description	Value
Index	0xF188 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.193.1 F188:01 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.2 F188:02 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.3 F188:03 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.4 F188:04 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.5 F188:05 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.6 F188:06 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.7 F188:07 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.8 F188:08 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.9 F188:09 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.10 F188:0A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.11 F188:0B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.12 F188:0C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.13 F188:0D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.14 F188:0E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.15 F188:0F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.16 F188:10 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.17 F188:11 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.18 F188:12 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.19 F188:13 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.20 F188:14 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.21 F188:15 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.22 F188:16 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.23 F188:17 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.24 F188:18 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.25 F188:19 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.26 F188:1A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.27 F188:1B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.28 F188:1C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.29 F188:1D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.30 F188:1E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.31 F188:1F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.32 F188:20 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.33 F188:21 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.34 F188:22 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.35 F188:23 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.36 F188:24 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.37 F188:25 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.38 F188:26 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.39 F188:27 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.40 F188:28 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.41 F188:29 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.42 F188:2A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.43 F188:2B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.44 F188:2C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.45 F188:2D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.46 F188:2E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.47 F188:2F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.48 F188:30 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.49 F188:31 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.50 F188:32 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.51 F188:33 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.52 F188:34 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.53 F188:35 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.54 F188:36 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.55 F188:37 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.56 F188:38 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.57 F188:39 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.58 F188:3A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.59 F188:3B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.60 F188:3C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.61 F188:3D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.62 F188:3E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.63 F188:3F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.64 F188:40 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.65 F188:41 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.66 F188:42 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.67 F188:43 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.68 F188:44 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.69 F188:45 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.70 F188:46 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.71 F188:47 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.72 F188:48 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.73 F188:49 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.74 F188:4A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.75 F188:4B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.76 F188:4C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.77 F188:4D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.78 F188:4E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.79 F188:4F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.80 F188:50 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.81 F188:51 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.82 F188:52 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.83 F188:53 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.84 F188:54 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.85 F188:55 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.86 F188:56 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.87 F188:57 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.88 F188:58 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.89 F188:59 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.90 F188:5A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.91 F188:5B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.92 F188:5C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.93 F188:5D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.94 F188:5E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.95 F188:5F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.96 F188:60 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.97 F188:61 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.98 F188:62 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.99 F188:63 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.100 F188:64 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.101 F188:65 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.102 F188:66 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.103 F188:67 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.104 F188:68 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.105 F188:69 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.106 F188:6A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.107 F188:6B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.108 F188:6C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.109 F188:6D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.110 F188:6E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.111 F188:6F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.112 F188:70 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.113 F188:71 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.114 F188:72 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.115 F188:73 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.116 F188:74 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.117 F188:75 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.118 F188:76 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.119 F188:77 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.120 F188:78 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.121 F188:79 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.122 F188:7A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.123 F188:7B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.124 F188:7C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.125 F188:7D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.126 F188:7E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.127 F188:7F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.128 F188:80 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.129 F188:81 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.130 F188:82 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.131 F188:83 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.132 F188:84 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.133 F188:85 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.134 F188:86 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.135 F188:87 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.136 F188:88 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.137 F188:89 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.138 F188:8A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.139 F188:8B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.140 F188:8C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.141 F188:8D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.142 F188:8E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.143 F188:8F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.144 F188:90 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.145 F188:91 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.146 F188:92 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.147 F188:93 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.148 F188:94 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.149 F188:95 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.150 F188:96 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.151 F188:97 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.152 F188:98 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.153 F188:99 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.154 F188:9A FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.155 F188:9B FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.156 F188:9C FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.157 F188:9D FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.158 F188:9E FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.159 F188:9F FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.160 F188:A0 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.161 F188:A1 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.162 F188:A2 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.163 F188:A3 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.164 F188:A4 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.165 F188:A5 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.166 F188:A6 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.167 F188:A7 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.168 F188:A8 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.169 F188:A9 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.170 F188:AA FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.171 F188:AB FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.172 F188:AC FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.173 F188:AD FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.174 F188:AE FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.175 F188:AF FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.176 F188:B0 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.177 F188:B1 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.178 F188:B2 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.179 F188:B3 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.180 F188:B4 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.181 F188:B5 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.182 F188:B6 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.183 F188:B7 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.184 F188:B8 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.185 F188:B9 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.186 F188:BA FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.187 F188:BB FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.188 F188:BC FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.189 F188:BD FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.190 F188:BE FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.191 F188:BF FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.192 F188:C0 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.193 F188:C1 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.194 F188:C2 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.195 F188:C3 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.196 F188:C4 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.197 F188:C5 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.198 F188:C6 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.199 F188:C7 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.200 F188:C8 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.201 F188:C9 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.202 F188:CA FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.203 F188:CB FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.204 F188:CC FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.205 F188:CD FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.206 F188:CE FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.207 F188:CF FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.208 F188:D0 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.209 F188:D1 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.210 F188:D2 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.211 F188:D3 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.212 F188:D4 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.213 F188:D5 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD5
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.214 F188:D6 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.215 F188:D7 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.216 F188:D8 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.217 F188:D9 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xD9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.218 F188:DA FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xDA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.219 F188:DB FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xDB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.220 F188:DC FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xDC
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.221 F188:DD FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xDD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.222 F188:DE FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xDE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.223 F188:DF FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xDF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.224 F188:E0 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.225 F188:E1 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.226 F188:E2 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.227 F188:E3 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE3
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.228 F188:E4 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.229 F188:E5 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.230 F188:E6 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.231 F188:E7 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.232 F188:E8 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.233 F188:E9 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xE9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.234 F188:EA FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xEA
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.235 F188:EB FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xEB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.236 F188:EC FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xEC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.237 F188:ED FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xED
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.238 F188:EE FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xEE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.239 F188:EF FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xEF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.240 F188:F0 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.241 F188:F1 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF1
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.242 F188:F2 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.243 F188:F3 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.244 F188:F4 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.245 F188:F5 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.246 F188:F6 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.247 F188:F7 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.248 F188:F8 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF8
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.249 F188:F9 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xF9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.250 F188:FA FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xFA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.251 F188:FB FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xFB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.252 F188:FC FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xFC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.253 F188:FD FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xFD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.254 F188:FE FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xFE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.193.255 F188:FF FB State

Description	Value
Index	0xF188 (Device)
Subindex	0xFF
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194 F189:x FB 256-510 State

Description	Value
Index	0xF189 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.194.1 F189:01 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.2 F189:02 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.3 F189:03 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.4 F189:04 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.5 F189:05 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.6 F189:06 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.7 F189:07 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.8 F189:08 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.9 F189:09 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.10 F189:0A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.11 F189:0B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.12 F189:0C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.13 F189:0D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.14 F189:0E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.15 F189:0F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.16 F189:10 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.17 F189:11 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.18 F189:12 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.19 F189:13 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.20 F189:14 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.21 F189:15 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.22 F189:16 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.23 F189:17 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.24 F189:18 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.25 F189:19 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.26 F189:1A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.27 F189:1B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.28 F189:1C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.29 F189:1D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.30 F189:1E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.31 F189:1F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.32 F189:20 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.33 F189:21 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.34 F189:22 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.35 F189:23 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.36 F189:24 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.37 F189:25 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.38 F189:26 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.39 F189:27 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.40 F189:28 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.41 F189:29 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.42 F189:2A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.43 F189:2B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.44 F189:2C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.45 F189:2D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.46 F189:2E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.47 F189:2F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.48 F189:30 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.49 F189:31 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.50 F189:32 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.51 F189:33 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.52 F189:34 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.53 F189:35 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.54 F189:36 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.55 F189:37 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.56 F189:38 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.57 F189:39 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.58 F189:3A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.59 F189:3B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.60 F189:3C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.61 F189:3D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.62 F189:3E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.63 F189:3F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.64 F189:40 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.65 F189:41 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.66 F189:42 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.67 F189:43 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.68 F189:44 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.69 F189:45 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.70 F189:46 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.71 F189:47 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.72 F189:48 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.73 F189:49 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.74 F189:4A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.75 F189:4B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.76 F189:4C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.77 F189:4D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.78 F189:4E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.79 F189:4F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.80 F189:50 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.81 F189:51 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.82 F189:52 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.83 F189:53 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.84 F189:54 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.85 F189:55 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.86 F189:56 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.87 F189:57 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.88 F189:58 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.89 F189:59 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.90 F189:5A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.91 F189:5B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.92 F189:5C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.93 F189:5D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.94 F189:5E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.95 F189:5F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.96 F189:60 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.97 F189:61 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.98 F189:62 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.99 F189:63 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.100 F189:64 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.101 F189:65 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.102 F189:66 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.103 F189:67 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.104 F189:68 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.105 F189:69 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.106 F189:6A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.107 F189:6B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.108 F189:6C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.109 F189:6D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.110 F189:6E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.111 F189:6F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.112 F189:70 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.113 F189:71 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.114 F189:72 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.115 F189:73 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.116 F189:74 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.117 F189:75 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.118 F189:76 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.119 F189:77 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.120 F189:78 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.121 F189:79 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.122 F189:7A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.123 F189:7B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.124 F189:7C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.125 F189:7D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.126 F189:7E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.127 F189:7F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.128 F189:80 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.129 F189:81 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.130 F189:82 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.131 F189:83 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.132 F189:84 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.133 F189:85 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.134 F189:86 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.135 F189:87 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.136 F189:88 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.137 F189:89 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.138 F189:8A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.139 F189:8B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.140 F189:8C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.141 F189:8D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.142 F189:8E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.143 F189:8F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.144 F189:90 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.145 F189:91 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.146 F189:92 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.147 F189:93 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.148 F189:94 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.149 F189:95 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.150 F189:96 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.151 F189:97 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.152 F189:98 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.153 F189:99 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.154 F189:9A FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.155 F189:9B FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.156 F189:9C FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.157 F189:9D FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.158 F189:9E FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.159 F189:9F FB State

Description	Value
Index	0xF189 (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.160 F189:A0 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.161 F189:A1 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.162 F189:A2 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.163 F189:A3 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.164 F189:A4 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.165 F189:A5 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.166 F189:A6 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.167 F189:A7 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.168 F189:A8 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.169 F189:A9 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.170 F189:AA FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.171 F189:AB FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.172 F189:AC FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.173 F189:AD FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.174 F189:AE FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.175 F189:AF FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.176 F189:B0 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.177 F189:B1 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.178 F189:B2 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.179 F189:B3 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.180 F189:B4 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.181 F189:B5 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.182 F189:B6 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.183 F189:B7 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.184 F189:B8 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.185 F189:B9 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.186 F189:BA FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.187 F189:BB FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.188 F189:BC FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.189 F189:BD FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.190 F189:BE FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.191 F189:BF FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.192 F189:C0 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.193 F189:C1 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.194 F189:C2 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.195 F189:C3 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.196 F189:C4 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.197 F189:C5 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.198 F189:C6 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.199 F189:C7 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.200 F189:C8 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.201 F189:C9 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.202 F189:CA FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.203 F189:CB FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.204 F189:CC FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.205 F189:CD FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.206 F189:CE FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.207 F189:CF FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.208 F189:D0 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.209 F189:D1 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.210 F189:D2 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.211 F189:D3 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.212 F189:D4 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.213 F189:D5 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD5
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.214 F189:D6 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.215 F189:D7 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.216 F189:D8 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.217 F189:D9 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xD9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.218 F189:DA FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xDA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.219 F189:DB FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xDB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.220 F189:DC FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xDC
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.221 F189:DD FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xDD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.222 F189:DE FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xDE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.223 F189:DF FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xDF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.224 F189:E0 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.225 F189:E1 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.226 F189:E2 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.227 F189:E3 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE3
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.228 F189:E4 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.229 F189:E5 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.230 F189:E6 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.231 F189:E7 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.232 F189:E8 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.233 F189:E9 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xE9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.234 F189:EA FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xEA
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.235 F189:EB FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xEB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.236 F189:EC FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xEC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.237 F189:ED FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xED
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.238 F189:EE FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xEE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.239 F189:EF FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xEF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.240 F189:F0 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.241 F189:F1 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF1
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.242 F189:F2 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.243 F189:F3 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.244 F189:F4 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.245 F189:F5 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.246 F189:F6 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.247 F189:F7 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.248 F189:F8 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF8
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.249 F189:F9 FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xF9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.250 F189:FA FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xFA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.251 F189:FB FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xFB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.252 F189:FC FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xFC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.253 F189:FD FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xFD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.254 F189:FE FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xFE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.194.255 F189:FF FB State

Description	Value
Index	0xF189 (Device)
Subindex	0xFF
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195 F18A:x FB 511-512 State

Description	Value
Index	0xF18A (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.195.1 F18A:01 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.2 F18A:02 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.3 F18A:03 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.4 F18A:04 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.5 F18A:05 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.6 F18A:06 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.7 F18A:07 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.8 F18A:08 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.9 F18A:09 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.10 F18A:0A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.11 F18A:0B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.12 F18A:0C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.13 F18A:0D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.14 F18A:0E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.15 F18A:0F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.16 F18A:10 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.17 F18A:11 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.18 F18A:12 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.19 F18A:13 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.20 F18A:14 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.21 F18A:15 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.22 F18A:16 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.23 F18A:17 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.24 F18A:18 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.25 F18A:19 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.26 F18A:1A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.27 F18A:1B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.28 F18A:1C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.29 F18A:1D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.30 F18A:1E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.31 F18A:1F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.32 F18A:20 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.33 F18A:21 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.34 F18A:22 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.35 F18A:23 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.36 F18A:24 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.37 F18A:25 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.38 F18A:26 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.39 F18A:27 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.40 F18A:28 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.41 F18A:29 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.42 F18A:2A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.43 F18A:2B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.44 F18A:2C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.45 F18A:2D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.46 F18A:2E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.47 F18A:2F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.48 F18A:30 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.49 F18A:31 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.50 F18A:32 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.51 F18A:33 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.52 F18A:34 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.53 F18A:35 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.54 F18A:36 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.55 F18A:37 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.56 F18A:38 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.57 F18A:39 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.58 F18A:3A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.59 F18A:3B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.60 F18A:3C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.61 F18A:3D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.62 F18A:3E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.63 F18A:3F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.64 F18A:40 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.65 F18A:41 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.66 F18A:42 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.67 F18A:43 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.68 F18A:44 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.69 F18A:45 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.70 F18A:46 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.71 F18A:47 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.72 F18A:48 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.73 F18A:49 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.74 F18A:4A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.75 F18A:4B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.76 F18A:4C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.77 F18A:4D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.78 F18A:4E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.79 F18A:4F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.80 F18A:50 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.81 F18A:51 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.82 F18A:52 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.83 F18A:53 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.84 F18A:54 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.85 F18A:55 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.86 F18A:56 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.87 F18A:57 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.88 F18A:58 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.89 F18A:59 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.90 F18A:5A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.91 F18A:5B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.92 F18A:5C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.93 F18A:5D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.94 F18A:5E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.95 F18A:5F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.96 F18A:60 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.97 F18A:61 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.98 F18A:62 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.99 F18A:63 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.100 F18A:64 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.101 F18A:65 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.102 F18A:66 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.103 F18A:67 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.104 F18A:68 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.105 F18A:69 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.106 F18A:6A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.107 F18A:6B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.108 F18A:6C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.109 F18A:6D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.110 F18A:6E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.111 F18A:6F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.112 F18A:70 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.113 F18A:71 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.114 F18A:72 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.115 F18A:73 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.116 F18A:74 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.117 F18A:75 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.118 F18A:76 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.119 F18A:77 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.120 F18A:78 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.121 F18A:79 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.122 F18A:7A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.123 F18A:7B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.124 F18A:7C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.125 F18A:7D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.126 F18A:7E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.127 F18A:7F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.128 F18A:80 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.129 F18A:81 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.130 F18A:82 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.131 F18A:83 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.132 F18A:84 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.133 F18A:85 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.134 F18A:86 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.135 F18A:87 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.136 F18A:88 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.137 F18A:89 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.138 F18A:8A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.139 F18A:8B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.140 F18A:8C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.141 F18A:8D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.142 F18A:8E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.143 F18A:8F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.144 F18A:90 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.145 F18A:91 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.146 F18A:92 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.147 F18A:93 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.148 F18A:94 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.149 F18A:95 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.150 F18A:96 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.151 F18A:97 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.152 F18A:98 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.153 F18A:99 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.154 F18A:9A FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.155 F18A:9B FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.156 F18A:9C FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.157 F18A:9D FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.158 F18A:9E FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.159 F18A:9F FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.160 F18A:A0 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.161 F18A:A1 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.162 F18A:A2 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.163 F18A:A3 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.164 F18A:A4 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.165 F18A:A5 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.166 F18A:A6 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.167 F18A:A7 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.168 F18A:A8 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.169 F18A:A9 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.170 F18A:AA FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.171 F18A:AB FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.172 F18A:AC FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.173 F18A:AD FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.174 F18A:AE FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.175 F18A:AF FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.176 F18A:B0 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.177 F18A:B1 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.178 F18A:B2 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.179 F18A:B3 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.180 F18A:B4 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.181 F18A:B5 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.182 F18A:B6 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.183 F18A:B7 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.184 F18A:B8 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.185 F18A:B9 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.186 F18A:BA FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.187 F18A:BB FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.188 F18A:BC FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.189 F18A:BD FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.190 F18A:BE FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.191 F18A:BF FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.192 F18A:C0 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.193 F18A:C1 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.194 F18A:C2 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.195 F18A:C3 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.196 F18A:C4 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.197 F18A:C5 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.198 F18A:C6 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.199 F18A:C7 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.200 F18A:C8 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.201 F18A:C9 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.202 F18A:CA FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.203 F18A:CB FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.204 F18A:CC FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.205 F18A:CD FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.206 F18A:CE FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.207 F18A:CF FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.208 F18A:D0 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.209 F18A:D1 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.210 F18A:D2 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.211 F18A:D3 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.212 F18A:D4 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.213 F18A:D5 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD5
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.214 F18A:D6 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.215 F18A:D7 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.216 F18A:D8 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.217 F18A:D9 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xD9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.218 F18A:DA FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xDA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.219 F18A:DB FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xDB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.220 F18A:DC FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xDC
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.221 F18A:DD FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xDD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.222 F18A:DE FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xDE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.223 F18A:DF FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xDF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.224 F18A:E0 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.225 F18A:E1 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.226 F18A:E2 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.227 F18A:E3 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE3
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.228 F18A:E4 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.229 F18A:E5 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.230 F18A:E6 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.231 F18A:E7 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.232 F18A:E8 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.233 F18A:E9 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xE9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.234 F18A:EA FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xEA
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.235 F18A:EB FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xEB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.236 F18A:EC FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xEC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.237 F18A:ED FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xED
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.238 F18A:EE FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xEE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.239 F18A:EF FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xEF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.240 F18A:F0 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.241 F18A:F1 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF1
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.242 F18A:F2 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.243 F18A:F3 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.244 F18A:F4 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.245 F18A:F5 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.246 F18A:F6 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.247 F18A:F7 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.248 F18A:F8 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF8
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.249 F18A:F9 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xF9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.250 F18A:FA FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xFA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.251 F18A:FB FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xFB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.252 F18A:FC FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xFC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.253 F18A:FD FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xFD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.254 F18A:FE FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xFE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.195.255 F18A:FF FB State

Description	Value
Index	0xF18A (Device)
Subindex	0xFF
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196 F18C:x FB 1-255 Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.196.1 F18C:01 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.2 F18C:02 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.3 F18C:03 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.4 F18C:04 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.5 F18C:05 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.6 F18C:06 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.7 F18C:07 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.8 F18C:08 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.9 F18C:09 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.10 F18C:0A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.11 F18C:0B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.12 F18C:0C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.13 F18C:0D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.14 F18C:0E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.15 F18C:0F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.16 F18C:10 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.17 F18C:11 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.18 F18C:12 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.19 F18C:13 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.20 F18C:14 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.21 F18C:15 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.22 F18C:16 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.23 F18C:17 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.24 F18C:18 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.25 F18C:19 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.26 F18C:1A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.27 F18C:1B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.28 F18C:1C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.29 F18C:1D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.30 F18C:1E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.31 F18C:1F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.32 F18C:20 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.33 F18C:21 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.34 F18C:22 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.35 F18C:23 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.36 F18C:24 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.37 F18C:25 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.38 F18C:26 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.39 F18C:27 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.40 F18C:28 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.41 F18C:29 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.42 F18C:2A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.43 F18C:2B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.44 F18C:2C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.45 F18C:2D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.46 F18C:2E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.47 F18C:2F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.48 F18C:30 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.49 F18C:31 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.50 F18C:32 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.51 F18C:33 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.52 F18C:34 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.53 F18C:35 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.54 F18C:36 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.55 F18C:37 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.56 F18C:38 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.57 F18C:39 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.58 F18C:3A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.59 F18C:3B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.60 F18C:3C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.61 F18C:3D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.62 F18C:3E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.63 F18C:3F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.64 F18C:40 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.65 F18C:41 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.66 F18C:42 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.67 F18C:43 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.68 F18C:44 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.69 F18C:45 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.70 F18C:46 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.71 F18C:47 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.72 F18C:48 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.73 F18C:49 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.74 F18C:4A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.75 F18C:4B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.76 F18C:4C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.77 F18C:4D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.78 F18C:4E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.79 F18C:4F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.80 F18C:50 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.81 F18C:51 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.82 F18C:52 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.83 F18C:53 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.84 F18C:54 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.85 F18C:55 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.86 F18C:56 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.87 F18C:57 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.88 F18C:58 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.89 F18C:59 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.90 F18C:5A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.91 F18C:5B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.92 F18C:5C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.93 F18C:5D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.94 F18C:5E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.95 F18C:5F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.96 F18C:60 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.97 F18C:61 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.98 F18C:62 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.99 F18C:63 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.100 F18C:64 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.101 F18C:65 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.102 F18C:66 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.103 F18C:67 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.104 F18C:68 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.105 F18C:69 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.106 F18C:6A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.107 F18C:6B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.108 F18C:6C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.109 F18C:6D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.110 F18C:6E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.111 F18C:6F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.112 F18C:70 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.113 F18C:71 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.114 F18C:72 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.115 F18C:73 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.116 F18C:74 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.117 F18C:75 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.118 F18C:76 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.119 F18C:77 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.120 F18C:78 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.121 F18C:79 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.122 F18C:7A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.123 F18C:7B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.124 F18C:7C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.125 F18C:7D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.126 F18C:7E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.127 F18C:7F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.128 F18C:80 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.129 F18C:81 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.130 F18C:82 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.131 F18C:83 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.132 F18C:84 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.133 F18C:85 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.134 F18C:86 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.135 F18C:87 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.136 F18C:88 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.137 F18C:89 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.138 F18C:8A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.139 F18C:8B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.140 F18C:8C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.141 F18C:8D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.142 F18C:8E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.143 F18C:8F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.144 F18C:90 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.145 F18C:91 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.146 F18C:92 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.147 F18C:93 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.148 F18C:94 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.149 F18C:95 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.150 F18C:96 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.151 F18C:97 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.152 F18C:98 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.153 F18C:99 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.154 F18C:9A FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.155 F18C:9B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.156 F18C:9C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.157 F18C:9D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.158 F18C:9E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.159 F18C:9F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.160 F18C:A0 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.161 F18C:A1 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.162 F18C:A2 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.163 F18C:A3 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.164 F18C:A4 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.165 F18C:A5 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.166 F18C:A6 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.167 F18C:A7 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.168 F18C:A8 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.169 F18C:A9 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.170 F18C:AA FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.171 F18C:AB FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.172 F18C:AC FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.173 F18C:AD FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.174 F18C:AE FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.175 F18C:AF FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.176 F18C:B0 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.177 F18C:B1 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.178 F18C:B2 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.179 F18C:B3 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.180 F18C:B4 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.181 F18C:B5 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.182 F18C:B6 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.183 F18C:B7 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.184 F18C:B8 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.185 F18C:B9 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.186 F18C:BA FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.187 F18C:BB FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.188 F18C:BC FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.189 F18C:BD FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.190 F18C:BE FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.191 F18C:BF FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.192 F18C:C0 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.193 F18C:C1 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.194 F18C:C2 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.195 F18C:C3 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.196 F18C:C4 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.197 F18C:C5 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.198 F18C:C6 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.199 F18C:C7 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.200 F18C:C8 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.201 F18C:C9 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.202 F18C:CA FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.203 F18C:CB FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.204 F18C:CC FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.205 F18C:CD FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.206 F18C:CE FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.207 F18C:CF FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.208 F18C:D0 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.209 F18C:D1 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.210 F18C:D2 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.211 F18C:D3 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.212 F18C:D4 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.213 F18C:D5 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.214 F18C:D6 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.215 F18C:D7 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.216 F18C:D8 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.217 F18C:D9 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.218 F18C:DA FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.219 F18C:DB FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.220 F18C:DC FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.221 F18C:DD FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.222 F18C:DE FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.223 F18C:DF FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.224 F18C:E0 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.225 F18C:E1 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.226 F18C:E2 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.227 F18C:E3 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.228 F18C:E4 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.229 F18C:E5 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.230 F18C:E6 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.231 F18C:E7 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.232 F18C:E8 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.233 F18C:E9 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.234 F18C:EA FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.235 F18C:EB FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.236 F18C:EC FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.237 F18C:ED FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.238 F18C:EE FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.239 F18C:EF FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.240 F18C:F0 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.241 F18C:F1 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.242 F18C:F2 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.243 F18C:F3 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.244 F18C:F4 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.245 F18C:F5 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.246 F18C:F6 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.247 F18C:F7 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.248 F18C:F8 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.249 F18C:F9 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.250 F18C:FA FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.251 F18C:FB FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.252 F18C:FC FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.253 F18C:FD FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.254 F18C:FE FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.196.255 F18C:FF FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197 F18D:x FB 256-510 Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.197.1 F18D:01 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.2 F18D:02 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.3 F18D:03 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.4 F18D:04 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.5 F18D:05 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.6 F18D:06 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.7 F18D:07 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.8 F18D:08 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.9 F18D:09 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.10 F18D:0A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.11 F18D:0B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.12 F18D:0C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.13 F18D:0D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.14 F18D:0E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.15 F18D:0F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.16 F18D:10 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.17 F18D:11 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.18 F18D:12 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.19 F18D:13 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.20 F18D:14 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.21 F18D:15 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.22 F18D:16 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.23 F18D:17 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.24 F18D:18 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.25 F18D:19 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.26 F18D:1A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.27 F18D:1B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.28 F18D:1C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.29 F18D:1D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.30 F18D:1E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.31 F18D:1F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.32 F18D:20 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.33 F18D:21 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.34 F18D:22 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.35 F18D:23 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.36 F18D:24 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.37 F18D:25 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.38 F18D:26 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.39 F18D:27 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.40 F18D:28 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.41 F18D:29 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.42 F18D:2A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.43 F18D:2B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.44 F18D:2C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.45 F18D:2D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.46 F18D:2E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.47 F18D:2F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.48 F18D:30 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.49 F18D:31 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.50 F18D:32 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.51 F18D:33 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.52 F18D:34 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.53 F18D:35 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.54 F18D:36 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.55 F18D:37 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.56 F18D:38 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.57 F18D:39 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.58 F18D:3A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.59 F18D:3B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.60 F18D:3C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.61 F18D:3D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.62 F18D:3E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.63 F18D:3F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.64 F18D:40 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.65 F18D:41 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.66 F18D:42 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.67 F18D:43 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.68 F18D:44 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.69 F18D:45 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.70 F18D:46 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.71 F18D:47 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.72 F18D:48 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.73 F18D:49 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.74 F18D:4A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.75 F18D:4B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.76 F18D:4C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.77 F18D:4D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.78 F18D:4E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.79 F18D:4F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.80 F18D:50 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.81 F18D:51 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.82 F18D:52 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.83 F18D:53 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.84 F18D:54 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.85 F18D:55 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.86 F18D:56 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.87 F18D:57 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.88 F18D:58 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.89 F18D:59 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.90 F18D:5A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.91 F18D:5B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.92 F18D:5C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.93 F18D:5D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.94 F18D:5E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.95 F18D:5F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.96 F18D:60 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.97 F18D:61 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.98 F18D:62 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.99 F18D:63 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.100 F18D:64 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.101 F18D:65 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.102 F18D:66 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.103 F18D:67 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.104 F18D:68 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.105 F18D:69 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.106 F18D:6A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.107 F18D:6B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.108 F18D:6C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.109 F18D:6D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.110 F18D:6E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.111 F18D:6F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.112 F18D:70 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.113 F18D:71 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.114 F18D:72 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.115 F18D:73 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.116 F18D:74 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.117 F18D:75 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.118 F18D:76 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.119 F18D:77 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.120 F18D:78 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.121 F18D:79 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.122 F18D:7A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.123 F18D:7B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.124 F18D:7C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.125 F18D:7D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.126 F18D:7E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.127 F18D:7F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.128 F18D:80 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.129 F18D:81 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.130 F18D:82 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.131 F18D:83 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.132 F18D:84 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.133 F18D:85 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.134 F18D:86 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.135 F18D:87 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.136 F18D:88 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.137 F18D:89 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.138 F18D:8A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.139 F18D:8B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.140 F18D:8C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.141 F18D:8D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.142 F18D:8E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.143 F18D:8F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.144 F18D:90 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.145 F18D:91 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.146 F18D:92 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.147 F18D:93 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.148 F18D:94 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.149 F18D:95 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.150 F18D:96 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.151 F18D:97 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.152 F18D:98 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.153 F18D:99 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.154 F18D:9A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.155 F18D:9B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.156 F18D:9C FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.157 F18D:9D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.158 F18D:9E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.159 F18D:9F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.160 F18D:A0 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.161 F18D:A1 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.162 F18D:A2 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.163 F18D:A3 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.164 F18D:A4 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.165 F18D:A5 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.166 F18D:A6 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.167 F18D:A7 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.168 F18D:A8 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.169 F18D:A9 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.170 F18D:AA FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.171 F18D:AB FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.172 F18D:AC FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.173 F18D:AD FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.174 F18D:AE FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.175 F18D:AF FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.176 F18D:B0 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.177 F18D:B1 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.178 F18D:B2 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.179 F18D:B3 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.180 F18D:B4 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.181 F18D:B5 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.182 F18D:B6 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.183 F18D:B7 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.184 F18D:B8 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.185 F18D:B9 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.186 F18D:BA FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.187 F18D:BB FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.188 F18D:BC FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.189 F18D:BD FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.190 F18D:BE FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.191 F18D:BF FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.192 F18D:C0 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.193 F18D:C1 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.194 F18D:C2 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.195 F18D:C3 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.196 F18D:C4 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.197 F18D:C5 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.198 F18D:C6 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.199 F18D:C7 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.200 F18D:C8 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.201 F18D:C9 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.202 F18D:CA FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.203 F18D:CB FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.204 F18D:CC FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.205 F18D:CD FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.206 F18D:CE FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.207 F18D:CF FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.208 F18D:D0 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.209 F18D:D1 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.210 F18D:D2 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.211 F18D:D3 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.212 F18D:D4 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.213 F18D:D5 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.214 F18D:D6 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.215 F18D:D7 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.216 F18D:D8 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.217 F18D:D9 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.218 F18D:DA FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.219 F18D:DB FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.220 F18D:DC FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.221 F18D:DD FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.222 F18D:DE FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.223 F18D:DF FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.224 F18D:E0 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.225 F18D:E1 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.226 F18D:E2 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.227 F18D:E3 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.228 F18D:E4 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.229 F18D:E5 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.230 F18D:E6 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.231 F18D:E7 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.232 F18D:E8 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.233 F18D:E9 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.234 F18D:EA FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.235 F18D:EB FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.236 F18D:EC FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.237 F18D:ED FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.238 F18D:EE FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.239 F18D:EF FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.240 F18D:F0 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.241 F18D:F1 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.242 F18D:F2 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.243 F18D:F3 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.244 F18D:F4 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.245 F18D:F5 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.246 F18D:F6 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.247 F18D:F7 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.248 F18D:F8 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.249 F18D:F9 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.250 F18D:FA FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.251 F18D:FB FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.252 F18D:FC FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.253 F18D:FD FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.254 F18D:FE FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.197.255 F18D:FF FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198 F18E:x FB 511-512 Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.198.1 F18E:01 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.2 F18E:02 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.3 F18E:03 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.4 F18E:04 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.5 F18E:05 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.6 F18E:06 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.7 F18E:07 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.8 F18E:08 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.9 F18E:09 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.10 F18E:0A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.11 F18E:0B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.12 F18E:0C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.13 F18E:0D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.14 F18E:0E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.15 F18E:0F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.16 F18E:10 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.17 F18E:11 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.18 F18E:12 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.19 F18E:13 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.20 F18E:14 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.21 F18E:15 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.22 F18E:16 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.23 F18E:17 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.24 F18E:18 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.25 F18E:19 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.26 F18E:1A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.27 F18E:1B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.28 F18E:1C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.29 F18E:1D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.30 F18E:1E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.31 F18E:1F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.32 F18E:20 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.33 F18E:21 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.34 F18E:22 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.35 F18E:23 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.36 F18E:24 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.37 F18E:25 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.38 F18E:26 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.39 F18E:27 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.40 F18E:28 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.41 F18E:29 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.42 F18E:2A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.43 F18E:2B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.44 F18E:2C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.45 F18E:2D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.46 F18E:2E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.47 F18E:2F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.48 F18E:30 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.49 F18E:31 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.50 F18E:32 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.51 F18E:33 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.52 F18E:34 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.53 F18E:35 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.54 F18E:36 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.55 F18E:37 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.56 F18E:38 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.57 F18E:39 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.58 F18E:3A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.59 F18E:3B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.60 F18E:3C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.61 F18E:3D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.62 F18E:3E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.63 F18E:3F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.64 F18E:40 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.65 F18E:41 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.66 F18E:42 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.67 F18E:43 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.68 F18E:44 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.69 F18E:45 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.70 F18E:46 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.71 F18E:47 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.72 F18E:48 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.73 F18E:49 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.74 F18E:4A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.75 F18E:4B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.76 F18E:4C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.77 F18E:4D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.78 F18E:4E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.79 F18E:4F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.80 F18E:50 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.81 F18E:51 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.82 F18E:52 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.83 F18E:53 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.84 F18E:54 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.85 F18E:55 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.86 F18E:56 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.87 F18E:57 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.88 F18E:58 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.89 F18E:59 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.90 F18E:5A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.91 F18E:5B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.92 F18E:5C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.93 F18E:5D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.94 F18E:5E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.95 F18E:5F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.96 F18E:60 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.97 F18E:61 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.98 F18E:62 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.99 F18E:63 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.100 F18E:64 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.101 F18E:65 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.102 F18E:66 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.103 F18E:67 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.104 F18E:68 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.105 F18E:69 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.106 F18E:6A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.107 F18E:6B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.108 F18E:6C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.109 F18E:6D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.110 F18E:6E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.111 F18E:6F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.112 F18E:70 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.113 F18E:71 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.114 F18E:72 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.115 F18E:73 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.116 F18E:74 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.117 F18E:75 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.118 F18E:76 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.119 F18E:77 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.120 F18E:78 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.121 F18E:79 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.122 F18E:7A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.123 F18E:7B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.124 F18E:7C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.125 F18E:7D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.126 F18E:7E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.127 F18E:7F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.128 F18E:80 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.129 F18E:81 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.130 F18E:82 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.131 F18E:83 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.132 F18E:84 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.133 F18E:85 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.134 F18E:86 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.135 F18E:87 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.136 F18E:88 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.137 F18E:89 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.138 F18E:8A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.139 F18E:8B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.140 F18E:8C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.141 F18E:8D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.142 F18E:8E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.143 F18E:8F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.144 F18E:90 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.145 F18E:91 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.146 F18E:92 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.147 F18E:93 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.148 F18E:94 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.149 F18E:95 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.150 F18E:96 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.151 F18E:97 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.152 F18E:98 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.153 F18E:99 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.154 F18E:9A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.155 F18E:9B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.156 F18E:9C FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.157 F18E:9D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.158 F18E:9E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.159 F18E:9F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.160 F18E:A0 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.161 F18E:A1 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.162 F18E:A2 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.163 F18E:A3 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.164 F18E:A4 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.165 F18E:A5 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.166 F18E:A6 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.167 F18E:A7 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.168 F18E:A8 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.169 F18E:A9 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.170 F18E:AA FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.171 F18E:AB FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.172 F18E:AC FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.173 F18E:AD FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.174 F18E:AE FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.175 F18E:AF FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.176 F18E:B0 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.177 F18E:B1 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.178 F18E:B2 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.179 F18E:B3 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.180 F18E:B4 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.181 F18E:B5 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.182 F18E:B6 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.183 F18E:B7 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.184 F18E:B8 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.185 F18E:B9 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.186 F18E:BA FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.187 F18E:BB FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.188 F18E:BC FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.189 F18E:BD FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.190 F18E:BE FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.191 F18E:BF FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.192 F18E:C0 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.193 F18E:C1 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.194 F18E:C2 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.195 F18E:C3 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.196 F18E:C4 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.197 F18E:C5 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.198 F18E:C6 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.199 F18E:C7 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.200 F18E:C8 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.201 F18E:C9 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.202 F18E:CA FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.203 F18E:CB FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.204 F18E:CC FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.205 F18E:CD FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.206 F18E:CE FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.207 F18E:CF FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.208 F18E:D0 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.209 F18E:D1 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.210 F18E:D2 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.211 F18E:D3 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.212 F18E:D4 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.213 F18E:D5 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.214 F18E:D6 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.215 F18E:D7 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.216 F18E:D8 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.217 F18E:D9 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.218 F18E:DA FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.219 F18E:DB FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.220 F18E:DC FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.221 F18E:DD FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.222 F18E:DE FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.223 F18E:DF FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.224 F18E:E0 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.225 F18E:E1 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.226 F18E:E2 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.227 F18E:E3 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.228 F18E:E4 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.229 F18E:E5 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.230 F18E:E6 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.231 F18E:E7 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.232 F18E:E8 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.233 F18E:E9 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.234 F18E:EA FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.235 F18E:EB FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.236 F18E:EC FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.237 F18E:ED FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.238 F18E:EE FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.239 F18E:EF FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.240 F18E:F0 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.241 F18E:F1 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.242 F18E:F2 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.243 F18E:F3 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.244 F18E:F4 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.245 F18E:F5 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.246 F18E:F6 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.247 F18E:F7 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.248 F18E:F8 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.249 F18E:F9 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.250 F18E:FA FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.251 F18E:FB FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.252 F18E:FC FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.253 F18E:FD FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.254 F18E:FE FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.198.255 F18E:FF FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199 F190:x Connection State

Description	Value
Index	0xF190 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	212 (0xD4)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.199.1 F190:01 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.2 F190:02 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.3 F190:03 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.4 F190:04 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.5 F190:05 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.6 F190:06 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.7 F190:07 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.8 F190:08 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.9 F190:09 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.10 F190:0A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.11 F190:0B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.12 F190:0C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.13 F190:0D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.14 F190:0E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.15 F190:0F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.16 F190:10 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.17 F190:11 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.18 F190:12 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.19 F190:13 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.20 F190:14 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.21 F190:15 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.22 F190:16 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.23 F190:17 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.24 F190:18 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.25 F190:19 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.26 F190:1A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.27 F190:1B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.28 F190:1C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.29 F190:1D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.30 F190:1E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.31 F190:1F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.32 F190:20 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.33 F190:21 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.34 F190:22 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.35 F190:23 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.36 F190:24 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.37 F190:25 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.38 F190:26 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.39 F190:27 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.40 F190:28 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.41 F190:29 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.42 F190:2A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.43 F190:2B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.44 F190:2C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.45 F190:2D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.46 F190:2E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.47 F190:2F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.48 F190:30 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.49 F190:31 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.50 F190:32 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.51 F190:33 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.52 F190:34 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.53 F190:35 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.54 F190:36 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.55 F190:37 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.56 F190:38 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.57 F190:39 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.58 F190:3A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.59 F190:3B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.60 F190:3C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.61 F190:3D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.62 F190:3E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.63 F190:3F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.64 F190:40 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.65 F190:41 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.66 F190:42 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.67 F190:43 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.68 F190:44 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.69 F190:45 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.70 F190:46 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.71 F190:47 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.72 F190:48 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.73 F190:49 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.74 F190:4A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.75 F190:4B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.76 F190:4C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.77 F190:4D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.78 F190:4E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.79 F190:4F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.80 F190:50 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.81 F190:51 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.82 F190:52 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.83 F190:53 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.84 F190:54 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.85 F190:55 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.86 F190:56 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.87 F190:57 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.88 F190:58 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.89 F190:59 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.90 F190:5A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.91 F190:5B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.92 F190:5C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.93 F190:5D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.94 F190:5E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.95 F190:5F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.96 F190:60 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.97 F190:61 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.98 F190:62 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.99 F190:63 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.100 F190:64 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.101 F190:65 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.102 F190:66 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.103 F190:67 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.104 F190:68 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.105 F190:69 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.106 F190:6A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.107 F190:6B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.108 F190:6C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.109 F190:6D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.110 F190:6E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.111 F190:6F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.112 F190:70 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.113 F190:71 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.114 F190:72 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.115 F190:73 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.116 F190:74 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.117 F190:75 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.118 F190:76 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.119 F190:77 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.120 F190:78 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.121 F190:79 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.122 F190:7A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.123 F190:7B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.124 F190:7C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.125 F190:7D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.126 F190:7E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.127 F190:7F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.128 F190:80 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.129 F190:81 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.130 F190:82 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.131 F190:83 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.132 F190:84 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.133 F190:85 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.134 F190:86 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.135 F190:87 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.136 F190:88 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.137 F190:89 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.138 F190:8A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.139 F190:8B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.140 F190:8C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.141 F190:8D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.142 F190:8E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.143 F190:8F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.144 F190:90 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.145 F190:91 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.146 F190:92 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.147 F190:93 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.148 F190:94 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.149 F190:95 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.150 F190:96 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.151 F190:97 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.152 F190:98 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.153 F190:99 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.154 F190:9A FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.155 F190:9B FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.156 F190:9C FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.157 F190:9D FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.158 F190:9E FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.159 F190:9F FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.160 F190:A0 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.161 F190:A1 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.162 F190:A2 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.163 F190:A3 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.164 F190:A4 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.165 F190:A5 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.166 F190:A6 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.167 F190:A7 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.168 F190:A8 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.169 F190:A9 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.170 F190:AA FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.171 F190:AB FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.172 F190:AC FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.173 F190:AD FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.174 F190:AE FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.175 F190:AF FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.176 F190:B0 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.177 F190:B1 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.178 F190:B2 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.179 F190:B3 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.180 F190:B4 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.181 F190:B5 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.182 F190:B6 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.183 F190:B7 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.184 F190:B8 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.185 F190:B9 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.186 F190:BA FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.187 F190:BB FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.188 F190:BC FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.189 F190:BD FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.190 F190:BE FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.191 F190:BF FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.192 F190:C0 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.193 F190:C1 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.194 F190:C2 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.195 F190:C3 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.196 F190:C4 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.197 F190:C5 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.198 F190:C6 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.199 F190:C7 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.200 F190:C8 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.201 F190:C9 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.202 F190:CA FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.203 F190:CB FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.204 F190:CC FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.205 F190:CD FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.206 F190:CE FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.207 F190:CF FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.208 F190:D0 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.209 F190:D1 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.210 F190:D2 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.211 F190:D3 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.199.212 F190:D4 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200 F191:x Connection Diag

Description	Value
Index	0xF191 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	212 (0xD4)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.200.1 F191:01 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.2 F191:02 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.3 F191:03 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.4 F191:04 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.5 F191:05 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.6 F191:06 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.7 F191:07 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.8 F191:08 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.9 F191:09 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.10 F191:0A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.11 F191:0B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.12 F191:0C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.13 F191:0D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.14 F191:0E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.15 F191:0F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.16 F191:10 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.17 F191:11 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.18 F191:12 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.19 F191:13 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.20 F191:14 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.21 F191:15 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.22 F191:16 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.23 F191:17 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.24 F191:18 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.25 F191:19 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.26 F191:1A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.27 F191:1B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.28 F191:1C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.29 F191:1D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.30 F191:1E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.31 F191:1F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.32 F191:20 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.33 F191:21 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.34 F191:22 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.35 F191:23 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.36 F191:24 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.37 F191:25 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.38 F191:26 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.39 F191:27 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.40 F191:28 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.41 F191:29 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.42 F191:2A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.43 F191:2B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.44 F191:2C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.45 F191:2D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.46 F191:2E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.47 F191:2F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.48 F191:30 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.49 F191:31 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.50 F191:32 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.51 F191:33 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.52 F191:34 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.53 F191:35 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.54 F191:36 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.55 F191:37 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.56 F191:38 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.57 F191:39 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.58 F191:3A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.59 F191:3B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.60 F191:3C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.61 F191:3D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.62 F191:3E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.63 F191:3F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.64 F191:40 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.65 F191:41 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.66 F191:42 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.67 F191:43 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.68 F191:44 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.69 F191:45 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.70 F191:46 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.71 F191:47 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.72 F191:48 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.73 F191:49 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.74 F191:4A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.75 F191:4B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.76 F191:4C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.77 F191:4D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.78 F191:4E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.79 F191:4F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.80 F191:50 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.81 F191:51 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.82 F191:52 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.83 F191:53 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.84 F191:54 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.85 F191:55 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.86 F191:56 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.87 F191:57 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.88 F191:58 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.89 F191:59 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.90 F191:5A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.91 F191:5B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.92 F191:5C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.93 F191:5D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.94 F191:5E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.95 F191:5F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.96 F191:60 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.97 F191:61 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.98 F191:62 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.99 F191:63 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.100 F191:64 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.101 F191:65 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.102 F191:66 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.103 F191:67 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.104 F191:68 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.105 F191:69 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.106 F191:6A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.107 F191:6B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.108 F191:6C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.109 F191:6D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.110 F191:6E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.111 F191:6F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.112 F191:70 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.113 F191:71 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.114 F191:72 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.115 F191:73 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.116 F191:74 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.117 F191:75 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.118 F191:76 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.119 F191:77 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.120 F191:78 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.121 F191:79 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.122 F191:7A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.123 F191:7B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.124 F191:7C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.125 F191:7D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.126 F191:7E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.127 F191:7F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.128 F191:80 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.129 F191:81 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.130 F191:82 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.131 F191:83 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.132 F191:84 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.133 F191:85 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.134 F191:86 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.135 F191:87 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.136 F191:88 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.137 F191:89 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.138 F191:8A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.139 F191:8B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.140 F191:8C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.141 F191:8D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.142 F191:8E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.143 F191:8F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.144 F191:90 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.145 F191:91 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.146 F191:92 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.147 F191:93 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.148 F191:94 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.149 F191:95 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.150 F191:96 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.151 F191:97 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.152 F191:98 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.153 F191:99 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.154 F191:9A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.155 F191:9B FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.156 F191:9C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.157 F191:9D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.158 F191:9E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.159 F191:9F FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.160 F191:A0 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.161 F191:A1 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.162 F191:A2 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.163 F191:A3 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.164 F191:A4 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.165 F191:A5 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.166 F191:A6 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.167 F191:A7 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.168 F191:A8 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.169 F191:A9 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.170 F191:AA FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.171 F191:AB FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.172 F191:AC FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.173 F191:AD FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.174 F191:AE FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.175 F191:AF FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.176 F191:B0 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.177 F191:B1 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.178 F191:B2 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.179 F191:B3 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.180 F191:B4 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.181 F191:B5 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.182 F191:B6 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.183 F191:B7 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.184 F191:B8 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.185 F191:B9 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.186 F191:BA FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.187 F191:BB FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.188 F191:BC FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.189 F191:BD FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.190 F191:BE FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.191 F191:BF FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.192 F191:C0 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.193 F191:C1 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.194 F191:C2 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.195 F191:C3 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.196 F191:C4 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.197 F191:C5 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.198 F191:C6 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.199 F191:C7 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.200 F191:C8 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.201 F191:C9 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.202 F191:CA FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.203 F191:CB FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.204 F191:CC FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.205 F191:CD FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.206 F191:CE FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.207 F191:CF FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.208 F191:D0 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.209 F191:D1 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.210 F191:D2 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.211 F191:D3 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.200.212 F191:D4 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201 F192:x Group State

Description	Value
Index	0xF192 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.201.1 F192:01 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.2 F192:02 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.3 F192:03 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.4 F192:04 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.5 F192:05 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.6 F192:06 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.7 F192:07 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.8 F192:08 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.9 F192:09 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.10 F192:0A FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.11 F192:0B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.12 F192:0C FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.13 F192:0D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.14 F192:0E FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.15 F192:0F FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.16 F192:10 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.17 F192:11 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.18 F192:12 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.19 F192:13 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.20 F192:14 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.21 F192:15 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.22 F192:16 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.23 F192:17 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.24 F192:18 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.25 F192:19 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.26 F192:1A FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.27 F192:1B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.28 F192:1C FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.29 F192:1D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.30 F192:1E FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.31 F192:1F FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.32 F192:20 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.33 F192:21 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.34 F192:22 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.35 F192:23 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.36 F192:24 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.37 F192:25 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.38 F192:26 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.39 F192:27 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.40 F192:28 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.41 F192:29 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.42 F192:2A FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.43 F192:2B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.44 F192:2C FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.45 F192:2D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.46 F192:2E FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.47 F192:2F FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.48 F192:30 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.49 F192:31 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.50 F192:32 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.51 F192:33 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.52 F192:34 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.53 F192:35 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.54 F192:36 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.55 F192:37 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.56 F192:38 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.57 F192:39 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.58 F192:3A FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.59 F192:3B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.60 F192:3C FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.61 F192:3D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.62 F192:3E FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.63 F192:3F FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.64 F192:40 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.65 F192:41 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.66 F192:42 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.67 F192:43 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.68 F192:44 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.69 F192:45 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.70 F192:46 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.71 F192:47 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.72 F192:48 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.73 F192:49 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.74 F192:4A FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.75 F192:4B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.76 F192:4C FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.77 F192:4D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.78 F192:4E FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.79 F192:4F FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.80 F192:50 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.81 F192:51 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.82 F192:52 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.83 F192:53 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.84 F192:54 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.85 F192:55 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.86 F192:56 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.87 F192:57 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.88 F192:58 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.89 F192:59 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.90 F192:5A FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.91 F192:5B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.92 F192:5C FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.93 F192:5D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.94 F192:5E FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.95 F192:5F FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.96 F192:60 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.97 F192:61 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.98 F192:62 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.99 F192:63 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.100 F192:64 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.101 F192:65 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.102 F192:66 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.103 F192:67 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.104 F192:68 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.105 F192:69 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.106 F192:6A FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.107 F192:6B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.108 F192:6C FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.109 F192:6D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.110 F192:6E FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.111 F192:6F FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.112 F192:70 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.113 F192:71 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.114 F192:72 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.115 F192:73 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.116 F192:74 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.117 F192:75 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.118 F192:76 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.119 F192:77 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.120 F192:78 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.121 F192:79 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.122 F192:7A FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.123 F192:7B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.124 F192:7C FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.125 F192:7D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.126 F192:7E FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.127 F192:7F FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.201.128 F192:80 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202 F193:x Group Diag

Description	Value
Index	0xF193 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.202.1 F193:01 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.2 F193:02 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.3 F193:03 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.4 F193:04 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.5 F193:05 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.6 F193:06 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.7 F193:07 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.8 F193:08 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.9 F193:09 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.10 F193:0A FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.11 F193:0B FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.12 F193:0C FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.13 F193:0D FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.14 F193:0E FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.15 F193:0F FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.16 F193:10 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.17 F193:11 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.18 F193:12 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.19 F193:13 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.20 F193:14 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.21 F193:15 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.22 F193:16 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.23 F193:17 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.24 F193:18 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.25 F193:19 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.26 F193:1A FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.27 F193:1B FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.28 F193:1C FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.29 F193:1D FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.30 F193:1E FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.31 F193:1F FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.32 F193:20 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.33 F193:21 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.34 F193:22 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.35 F193:23 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.36 F193:24 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.37 F193:25 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.38 F193:26 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.39 F193:27 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.40 F193:28 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.41 F193:29 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.42 F193:2A FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.43 F193:2B FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.44 F193:2C FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.45 F193:2D FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.46 F193:2E FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.47 F193:2F FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.48 F193:30 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.49 F193:31 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.50 F193:32 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.51 F193:33 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.52 F193:34 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.53 F193:35 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.54 F193:36 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.55 F193:37 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.56 F193:38 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.57 F193:39 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.58 F193:3A FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.59 F193:3B FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.60 F193:3C FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.61 F193:3D FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.62 F193:3E FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.63 F193:3F FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.64 F193:40 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.65 F193:41 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.66 F193:42 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.67 F193:43 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.68 F193:44 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.69 F193:45 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.70 F193:46 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.71 F193:47 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.72 F193:48 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.73 F193:49 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.74 F193:4A FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.75 F193:4B FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.76 F193:4C FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.77 F193:4D FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.78 F193:4E FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.79 F193:4F FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.80 F193:50 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.81 F193:51 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.82 F193:52 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.83 F193:53 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.84 F193:54 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.85 F193:55 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.86 F193:56 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.87 F193:57 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.88 F193:58 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.89 F193:59 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.90 F193:5A FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.91 F193:5B FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.92 F193:5C FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.93 F193:5D FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.94 F193:5E FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.95 F193:5F FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.96 F193:60 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.97 F193:61 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.98 F193:62 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.99 F193:63 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.100 F193:64 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.101 F193:65 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.102 F193:66 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.103 F193:67 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.104 F193:68 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.105 F193:69 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.106 F193:6A FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.107 F193:6B FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.108 F193:6C FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.109 F193:6D FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.110 F193:6E FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.111 F193:6F FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.112 F193:70 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.113 F193:71 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.114 F193:72 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.115 F193:73 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.116 F193:74 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.117 F193:75 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.118 F193:76 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.119 F193:77 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.120 F193:78 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.121 F193:79 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.122 F193:7A FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.123 F193:7B FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.124 F193:7C FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.125 F193:7D FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.126 F193:7E FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.127 F193:7F FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.202.128 F193:80 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203 F601:x FSOE Safe BOOL Inputs

Description	Value
Index	0xF601 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	224 (0xE0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.203.1 F601:01 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.2 F601:02 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.3 F601:03 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.4 F601:04 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.5 F601:05 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.6 F601:06 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.7 F601:07 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.8 F601:08 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.9 F601:09 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.10 F601:0A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.11 F601:0B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.12 F601:0C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.13 F601:0D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.14 F601:0E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.15 F601:0F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.16 F601:10 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.17 F601:11 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x11
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.18 F601:12 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x12
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.19 F601:13 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x13
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.20 F601:14 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x14
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.21 F601:15 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x15
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.22 F601:16 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x16
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.23 F601:17 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.24 F601:18 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x18
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.25 F601:19 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x19
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.26 F601:1A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x1A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.27 F601:1B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x1B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.28 F601:1C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x1C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.29 F601:1D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x1D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.30 F601:1E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x1E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.31 F601:1F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x1F
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.32 F601:20 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.33 F601:21 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x21
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.34 F601:22 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x22
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.35 F601:23 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x23
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.36 F601:24 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x24
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.37 F601:25 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x25
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.38 F601:26 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x26
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.39 F601:27 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x27
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.40 F601:28 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x28
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.41 F601:29 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x29
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.42 F601:2A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x2A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.43 F601:2B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x2B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.44 F601:2C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x2C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.45 F601:2D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x2D
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.46 F601:2E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x2E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.47 F601:2F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x2F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.48 F601:30 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x30
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.49 F601:31 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x31
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.50 F601:32 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x32
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.51 F601:33 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x33
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.52 F601:34 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x34
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.53 F601:35 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x35
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.54 F601:36 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x36
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.55 F601:37 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x37
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.56 F601:38 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x38
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.57 F601:39 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x39
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.58 F601:3A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x3A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.59 F601:3B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x3B
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.60 F601:3C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x3C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.61 F601:3D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x3D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.62 F601:3E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x3E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.63 F601:3F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x3F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.64 F601:40 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x40
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.65 F601:41 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x41
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.66 F601:42 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x42
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.67 F601:43 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x43
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.68 F601:44 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x44
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.69 F601:45 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x45
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.70 F601:46 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x46
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.71 F601:47 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x47
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.72 F601:48 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x48
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.73 F601:49 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x49
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.74 F601:4A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x4A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.75 F601:4B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x4B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.76 F601:4C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x4C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.77 F601:4D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x4D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.78 F601:4E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x4E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.79 F601:4F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x4F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.80 F601:50 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x50
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.81 F601:51 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x51
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.82 F601:52 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x52
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.83 F601:53 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x53
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.84 F601:54 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x54
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.85 F601:55 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x55
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.86 F601:56 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x56
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.87 F601:57 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x57
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.88 F601:58 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x58
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.89 F601:59 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x59
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.90 F601:5A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x5A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.91 F601:5B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x5B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.92 F601:5C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x5C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.93 F601:5D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x5D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.94 F601:5E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x5E
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.95 F601:5F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x5F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.96 F601:60 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x60
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.97 F601:61 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x61
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.98 F601:62 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x62
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.99 F601:63 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x63
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.100 F601:64 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x64
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.101 F601:65 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x65
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.102 F601:66 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x66
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.103 F601:67 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x67
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.104 F601:68 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x68
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.105 F601:69 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x69
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.106 F601:6A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x6A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.107 F601:6B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x6B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.108 F601:6C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x6C
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.109 F601:6D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x6D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.110 F601:6E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x6E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.111 F601:6F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x6F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.112 F601:70 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x70
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.113 F601:71 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x71
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.114 F601:72 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x72
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.115 F601:73 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x73
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.116 F601:74 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x74
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.117 F601:75 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x75
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.118 F601:76 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x76
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.119 F601:77 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x77
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.120 F601:78 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x78
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.121 F601:79 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x79
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.122 F601:7A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x7A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.123 F601:7B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x7B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.124 F601:7C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x7C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.125 F601:7D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x7D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.126 F601:7E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x7E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.127 F601:7F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x7F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.128 F601:80 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x80
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.129 F601:81 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x81
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.130 F601:82 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x82
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.131 F601:83 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x83
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.132 F601:84 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x84
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.133 F601:85 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x85
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.134 F601:86 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x86
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.135 F601:87 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x87
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.136 F601:88 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x88
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.137 F601:89 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x89
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.138 F601:8A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x8A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.139 F601:8B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x8B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.140 F601:8C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x8C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.141 F601:8D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x8D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.142 F601:8E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x8E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.143 F601:8F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x8F
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.144 F601:90 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x90
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.145 F601:91 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x91
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.146 F601:92 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x92
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.147 F601:93 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x93
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.148 F601:94 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x94
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.149 F601:95 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x95
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.150 F601:96 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x96
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.151 F601:97 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x97
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.152 F601:98 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x98
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.153 F601:99 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x99
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.154 F601:9A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x9A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.155 F601:9B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x9B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.156 F601:9C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x9C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.157 F601:9D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x9D
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.158 F601:9E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x9E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.159 F601:9F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x9F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.160 F601:A0 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.161 F601:A1 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.162 F601:A2 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.163 F601:A3 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.164 F601:A4 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA4
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.165 F601:A5 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.166 F601:A6 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.167 F601:A7 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.168 F601:A8 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.169 F601:A9 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xA9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.170 F601:AA Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xAA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.171 F601:AB Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xAB
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.172 F601:AC Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xAC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.173 F601:AD Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xAD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.174 F601:AE Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xAE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.175 F601:AF Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xAF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.176 F601:B0 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.177 F601:B1 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.178 F601:B2 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB2
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.179 F601:B3 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.180 F601:B4 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.181 F601:B5 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.182 F601:B6 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.183 F601:B7 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.184 F601:B8 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.185 F601:B9 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xB9
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.186 F601:BA Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xBA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.187 F601:BB Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xBB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.188 F601:BC Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xBC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.189 F601:BD Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xBD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.190 F601:BE Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xBE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.191 F601:BF Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xBF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.192 F601:C0 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC0
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.193 F601:C1 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.194 F601:C2 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.195 F601:C3 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.196 F601:C4 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.197 F601:C5 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.198 F601:C6 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.199 F601:C7 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC7
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.200 F601:C8 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.201 F601:C9 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xC9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.202 F601:CA Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xCA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.203 F601:CB Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xCB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.204 F601:CC Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xCC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.205 F601:CD Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xCD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.206 F601:CE Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xCE
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.207 F601:CF Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xCF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.208 F601:D0 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.209 F601:D1 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.210 F601:D2 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.211 F601:D3 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.212 F601:D4 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.213 F601:D5 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD5
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.214 F601:D6 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.215 F601:D7 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.216 F601:D8 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.217 F601:D9 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xD9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.218 F601:DA Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xDA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.219 F601:DB Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xDB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.220 F601:DC Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xDC
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.221 F601:DD Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xDD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.222 F601:DE Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xDE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.223 F601:DF Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xDF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.203.224 F601:E0 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0xE0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204 F602:x FSOE Safe UINT16 Inputs

Description	Value
Index	0xF602 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.204.1 F602:01 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.2 F602:02 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.3 F602:03 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.4 F602:04 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.5 F602:05 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.6 F602:06 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.7 F602:07 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.8 F602:08 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.9 F602:09 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.10 F602:0A Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.11 F602:0B Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.12 F602:0C Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.13 F602:0D Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.14 F602:0E Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.15 F602:0F Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.16 F602:10 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.17 F602:11 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.18 F602:12 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.19 F602:13 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.20 F602:14 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.21 F602:15 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.22 F602:16 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.23 F602:17 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.24 F602:18 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.25 F602:19 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.26 F602:1A Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.27 F602:1B Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.28 F602:1C Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.29 F602:1D Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.30 F602:1E Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.204.31 F602:1F Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205 F603:x FSOE Safe INT16 Inputs

Description	Value
Index	0xF603 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.205.1 F603:01 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.2 F603:02 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.3 F603:03 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.4 F603:04 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x04
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.5 F603:05 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x05
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.6 F603:06 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x06
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.7 F603:07 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.8 F603:08 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x08
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.9 F603:09 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.10 F603:0A Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.11 F603:0B Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x0B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.12 F603:0C Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x0C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.13 F603:0D Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x0D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.14 F603:0E Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x0E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.15 F603:0F Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x0F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.16 F603:10 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.17 F603:11 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.18 F603:12 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.19 F603:13 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.20 F603:14 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.21 F603:15 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x15
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.22 F603:16 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x16
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.23 F603:17 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x17
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.24 F603:18 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.25 F603:19 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x19
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.26 F603:1A Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x1A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.27 F603:1B Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x1B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.28 F603:1C Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x1C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.29 F603:1D Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x1D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.30 F603:1E Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x1E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.205.31 F603:1F Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206 F604:x FSOE Safe UINT32 Inputs

Description	Value
Index	0xF604 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.206.1 F604:01 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.2 F604:02 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.3 F604:03 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.4 F604:04 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.5 F604:05 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.6 F604:06 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.7 F604:07 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.8 F604:08 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.9 F604:09 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.10 F604:0A Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.11 F604:0B Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.12 F604:0C Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.13 F604:0D Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.14 F604:0E Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.206.15 F604:0F Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207 F605:x FSOE Safe INT32 Inputs

Description	Value
Index	0xF605 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.207.1 F605:01 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.2 F605:02 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.3 F605:03 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.4 F605:04 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.5 F605:05 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.6 F605:06 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x06
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.7 F605:07 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x07
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.8 F605:08 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x08
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.9 F605:09 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x09
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.10 F605:0A Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.11 F605:0B Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x0B
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.12 F605:0C Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x0C
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.13 F605:0D Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x0D
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.14 F605:0E Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x0E
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.207.15 F605:0F Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x0F
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208 F606:x FSOE Std BOOL Inputs

Description	Value
Index	0xF606 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	224 (0xE0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.208.1 F606:01 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.2 F606:02 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.3 F606:03 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.4 F606:04 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.5 F606:05 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.6 F606:06 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.7 F606:07 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.8 F606:08 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.9 F606:09 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.10 F606:0A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.11 F606:0B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.12 F606:0C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.13 F606:0D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.14 F606:0E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.15 F606:0F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.16 F606:10 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.17 F606:11 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x11
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.18 F606:12 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x12
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.19 F606:13 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x13
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.20 F606:14 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x14
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.21 F606:15 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x15
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.22 F606:16 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x16
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.23 F606:17 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.24 F606:18 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x18
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.25 F606:19 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x19
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.26 F606:1A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x1A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.27 F606:1B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x1B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.28 F606:1C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x1C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.29 F606:1D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x1D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.30 F606:1E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x1E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.31 F606:1F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x1F
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.32 F606:20 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.33 F606:21 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x21
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.34 F606:22 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x22
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.35 F606:23 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x23
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.36 F606:24 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x24
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.37 F606:25 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x25
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.38 F606:26 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x26
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.39 F606:27 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x27
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.40 F606:28 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x28
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.41 F606:29 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x29
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.42 F606:2A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x2A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.43 F606:2B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x2B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.44 F606:2C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x2C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.45 F606:2D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x2D
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.46 F606:2E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x2E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.47 F606:2F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x2F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.48 F606:30 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x30
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.49 F606:31 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x31
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.50 F606:32 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x32
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.51 F606:33 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x33
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.52 F606:34 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x34
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.53 F606:35 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x35
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.54 F606:36 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x36
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.55 F606:37 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x37
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.56 F606:38 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x38
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.57 F606:39 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x39
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.58 F606:3A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x3A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.59 F606:3B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x3B
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.60 F606:3C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x3C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.61 F606:3D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x3D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.62 F606:3E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x3E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.63 F606:3F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x3F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.64 F606:40 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x40
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.65 F606:41 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x41
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.66 F606:42 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x42
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.67 F606:43 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x43
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.68 F606:44 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x44
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.69 F606:45 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x45
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.70 F606:46 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x46
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.71 F606:47 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x47
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.72 F606:48 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x48
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.73 F606:49 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x49
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.74 F606:4A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x4A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.75 F606:4B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x4B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.76 F606:4C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x4C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.77 F606:4D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x4D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.78 F606:4E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x4E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.79 F606:4F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x4F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.80 F606:50 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x50
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.81 F606:51 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x51
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.82 F606:52 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x52
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.83 F606:53 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x53
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.84 F606:54 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x54
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.85 F606:55 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x55
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.86 F606:56 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x56
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.87 F606:57 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x57
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.88 F606:58 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x58
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.89 F606:59 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x59
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.90 F606:5A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x5A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.91 F606:5B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x5B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.92 F606:5C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x5C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.93 F606:5D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x5D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.94 F606:5E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x5E
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.95 F606:5F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x5F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.96 F606:60 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x60
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.97 F606:61 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x61
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.98 F606:62 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x62
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.99 F606:63 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x63
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.100 F606:64 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x64
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.101 F606:65 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x65
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.102 F606:66 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x66
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.103 F606:67 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x67
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.104 F606:68 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x68
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.105 F606:69 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x69
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.106 F606:6A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x6A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.107 F606:6B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x6B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.108 F606:6C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x6C
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.109 F606:6D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x6D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.110 F606:6E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x6E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.111 F606:6F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x6F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.112 F606:70 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x70
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.113 F606:71 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x71
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.114 F606:72 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x72
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.115 F606:73 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x73
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.116 F606:74 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x74
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.117 F606:75 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x75
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.118 F606:76 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x76
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.119 F606:77 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x77
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.120 F606:78 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x78
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.121 F606:79 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x79
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.122 F606:7A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x7A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.123 F606:7B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x7B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.124 F606:7C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x7C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.125 F606:7D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x7D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.126 F606:7E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x7E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.127 F606:7F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x7F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.128 F606:80 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x80
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.129 F606:81 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x81
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.130 F606:82 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x82
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.131 F606:83 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x83
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.132 F606:84 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x84
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.133 F606:85 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x85
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.134 F606:86 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x86
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.135 F606:87 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x87
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.136 F606:88 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x88
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.137 F606:89 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x89
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.138 F606:8A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x8A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.139 F606:8B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x8B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.140 F606:8C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x8C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.141 F606:8D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x8D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.142 F606:8E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x8E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.143 F606:8F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x8F
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.144 F606:90 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x90
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.145 F606:91 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x91
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.146 F606:92 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x92
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.147 F606:93 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x93
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.148 F606:94 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x94
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.149 F606:95 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x95
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.150 F606:96 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x96
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.151 F606:97 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x97
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.152 F606:98 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x98
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.153 F606:99 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x99
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.154 F606:9A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x9A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.155 F606:9B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x9B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.156 F606:9C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x9C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.157 F606:9D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x9D
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.158 F606:9E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x9E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.159 F606:9F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x9F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.160 F606:A0 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.161 F606:A1 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.162 F606:A2 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.163 F606:A3 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.164 F606:A4 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA4
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.165 F606:A5 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.166 F606:A6 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.167 F606:A7 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.168 F606:A8 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.169 F606:A9 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xA9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.170 F606:AA Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xAA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.171 F606:AB Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xAB
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.172 F606:AC Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xAC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.173 F606:AD Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xAD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.174 F606:AE Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xAE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.175 F606:AF Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xAF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.176 F606:B0 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.177 F606:B1 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.178 F606:B2 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB2
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.179 F606:B3 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.180 F606:B4 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.181 F606:B5 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.182 F606:B6 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.183 F606:B7 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.184 F606:B8 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.185 F606:B9 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xB9
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.186 F606:BA Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xBA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.187 F606:BB Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xBB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.188 F606:BC Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xBC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.189 F606:BD Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xBD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.190 F606:BE Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xBE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.191 F606:BF Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xBF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.192 F606:C0 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC0
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.193 F606:C1 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.194 F606:C2 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.195 F606:C3 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.196 F606:C4 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.197 F606:C5 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.198 F606:C6 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.199 F606:C7 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC7
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.200 F606:C8 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.201 F606:C9 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xC9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.202 F606:CA Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xCA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.203 F606:CB Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xCB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.204 F606:CC Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xCC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.205 F606:CD Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xCD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.206 F606:CE Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xCE
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.207 F606:CF Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xCF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.208 F606:D0 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.209 F606:D1 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.210 F606:D2 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.211 F606:D3 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.212 F606:D4 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.213 F606:D5 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD5
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.214 F606:D6 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.215 F606:D7 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.216 F606:D8 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.217 F606:D9 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xD9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.218 F606:DA Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xDA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.219 F606:DB Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xDB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.220 F606:DC Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xDC
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.221 F606:DD Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xDD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.222 F606:DE Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xDE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.223 F606:DF Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xDF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.208.224 F606:E0 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0xE0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209 F607:x FSOE Std UINT16 Inputs

Description	Value
Index	0xF607 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.209.1 F607:01 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.2 F607:02 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.3 F607:03 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.4 F607:04 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.5 F607:05 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.6 F607:06 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.7 F607:07 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.8 F607:08 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.9 F607:09 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.10 F607:0A Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.11 F607:0B Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.12 F607:0C Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.13 F607:0D Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.14 F607:0E Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.15 F607:0F Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.16 F607:10 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.17 F607:11 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.18 F607:12 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.19 F607:13 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.20 F607:14 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.21 F607:15 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.22 F607:16 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.23 F607:17 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.24 F607:18 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.25 F607:19 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.26 F607:1A Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.27 F607:1B Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.28 F607:1C Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.29 F607:1D Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.30 F607:1E Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.209.31 F607:1F Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210 F608:x FSOE Std INT16 Inputs

Description	Value
Index	0xF608 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.210.1 F608:01 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.2 F608:02 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.3 F608:03 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.4 F608:04 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x04
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.5 F608:05 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x05
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.6 F608:06 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x06
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.7 F608:07 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.8 F608:08 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x08
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.9 F608:09 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.10 F608:0A Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.11 F608:0B Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x0B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.12 F608:0C Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x0C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.13 F608:0D Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x0D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.14 F608:0E Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x0E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.15 F608:0F Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x0F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.16 F608:10 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.17 F608:11 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.18 F608:12 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.19 F608:13 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.20 F608:14 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.21 F608:15 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x15
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.22 F608:16 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x16
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.23 F608:17 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x17
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.24 F608:18 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.25 F608:19 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x19
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.26 F608:1A Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x1A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.27 F608:1B Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x1B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.28 F608:1C Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x1C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.29 F608:1D Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x1D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.30 F608:1E Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x1E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.210.31 F608:1F Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211 F609:x FSOE Std UINT32 Inputs

Description	Value
Index	0xF609 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.211.1 F609:01 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.2 F609:02 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.3 F609:03 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.4 F609:04 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.5 F609:05 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.6 F609:06 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.7 F609:07 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.8 F609:08 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.9 F609:09 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.10 F609:0A Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.11 F609:0B Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.12 F609:0C Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.13 F609:0D Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.14 F609:0E Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.211.15 F609:0F Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212 F60A:x FSOE Std INT32 Inputs

Description	Value
Index	0xF60A (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.212.1 F60A:01 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.2 F60A:02 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.3 F60A:03 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.4 F60A:04 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.5 F60A:05 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.6 F60A:06 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x06
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.7 F60A:07 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x07
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.8 F60A:08 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x08
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.9 F60A:09 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x09
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.10 F60A:0A Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.11 F60A:0B Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x0B
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.12 F60A:0C Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x0C
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.13 F60A:0D Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x0D
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.14 F60A:0E Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x0E
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.212.15 F60A:0F Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x0F
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213 F60B:x FSOE Std UINT8 Inputs

Description	Value
Index	0xF60B (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	62 (0x3E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.213.1 F60B:01 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.2 F60B:02 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.3 F60B:03 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.4 F60B:04 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.5 F60B:05 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.6 F60B:06 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.7 F60B:07 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.8 F60B:08 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.9 F60B:09 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.10 F60B:0A Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.11 F60B:0B Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.12 F60B:0C Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.13 F60B:0D Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.14 F60B:0E Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.15 F60B:0F Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.16 F60B:10 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.17 F60B:11 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.18 F60B:12 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.19 F60B:13 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.20 F60B:14 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.21 F60B:15 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.22 F60B:16 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.23 F60B:17 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.24 F60B:18 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.25 F60B:19 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.26 F60B:1A Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.27 F60B:1B Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.28 F60B:1C Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.29 F60B:1D Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.30 F60B:1E Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.31 F60B:1F Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.32 F60B:20 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.33 F60B:21 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.34 F60B:22 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.35 F60B:23 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.36 F60B:24 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.37 F60B:25 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.38 F60B:26 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.39 F60B:27 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.40 F60B:28 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.41 F60B:29 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.42 F60B:2A Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.43 F60B:2B Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.44 F60B:2C Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.45 F60B:2D Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.46 F60B:2E Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.47 F60B:2F Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.48 F60B:30 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.49 F60B:31 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.50 F60B:32 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.51 F60B:33 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.52 F60B:34 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.53 F60B:35 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.54 F60B:36 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.55 F60B:37 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.56 F60B:38 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.57 F60B:39 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.58 F60B:3A Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.59 F60B:3B Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.60 F60B:3C Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.61 F60B:3D Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.213.62 F60B:3E Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214 F60C:x FSOE Safe UINT8 Inputs

Description	Value
Index	0xF60C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	62 (0x3E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.214.1 F60C:01 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.2 F60C:02 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.3 F60C:03 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.4 F60C:04 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.5 F60C:05 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.6 F60C:06 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.7 F60C:07 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.8 F60C:08 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.9 F60C:09 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.10 F60C:0A Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.11 F60C:0B Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.12 F60C:0C Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.13 F60C:0D Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.14 F60C:0E Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.15 F60C:0F Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.16 F60C:10 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.17 F60C:11 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.18 F60C:12 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.19 F60C:13 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.20 F60C:14 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.21 F60C:15 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.22 F60C:16 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.23 F60C:17 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.24 F60C:18 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.25 F60C:19 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.26 F60C:1A Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.27 F60C:1B Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.28 F60C:1C Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.29 F60C:1D Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.30 F60C:1E Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.31 F60C:1F Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.32 F60C:20 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.33 F60C:21 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.34 F60C:22 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.35 F60C:23 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.36 F60C:24 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.37 F60C:25 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.38 F60C:26 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.39 F60C:27 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.40 F60C:28 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.41 F60C:29 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.42 F60C:2A Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.43 F60C:2B Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.44 F60C:2C Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.45 F60C:2D Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.46 F60C:2E Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.47 F60C:2F Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.48 F60C:30 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.49 F60C:31 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.50 F60C:32 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.51 F60C:33 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.52 F60C:34 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.53 F60C:35 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.54 F60C:36 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.55 F60C:37 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.56 F60C:38 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.57 F60C:39 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.58 F60C:3A Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.59 F60C:3B Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.60 F60C:3C Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.61 F60C:3D Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.214.62 F60C:3E Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.215 F688 Standard Outputs

Description	Value
Index	0xF688 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

3.216 F701:x FSOE Safe BOOL Outputs

Description	Value
Index	0xF701 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	224 (0xE0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.216.1 F701:01 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.2 F701:02 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.3 F701:03 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.4 F701:04 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.5 F701:05 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.6 F701:06 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.7 F701:07 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.8 F701:08 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.9 F701:09 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.10 F701:0A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.11 F701:0B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.12 F701:0C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.13 F701:0D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.14 F701:0E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.15 F701:0F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.16 F701:10 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.17 F701:11 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x11
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.18 F701:12 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x12
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.19 F701:13 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x13
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.20 F701:14 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x14
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.21 F701:15 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x15
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.22 F701:16 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x16
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.23 F701:17 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.24 F701:18 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x18
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.25 F701:19 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x19
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.26 F701:1A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x1A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.27 F701:1B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x1B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.28 F701:1C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x1C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.29 F701:1D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x1D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.30 F701:1E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x1E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.31 F701:1F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x1F
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.32 F701:20 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.33 F701:21 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x21
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.34 F701:22 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x22
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.35 F701:23 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x23
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.36 F701:24 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x24
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.37 F701:25 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x25
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.38 F701:26 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x26
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.39 F701:27 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x27
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.40 F701:28 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x28
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.41 F701:29 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x29
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.42 F701:2A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x2A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.43 F701:2B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x2B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.44 F701:2C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x2C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.45 F701:2D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x2D
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.46 F701:2E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x2E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.47 F701:2F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x2F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.48 F701:30 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x30
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.49 F701:31 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x31
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.50 F701:32 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x32
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.51 F701:33 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x33
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.52 F701:34 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x34
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.53 F701:35 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x35
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.54 F701:36 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x36
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.55 F701:37 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x37
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.56 F701:38 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x38
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.57 F701:39 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x39
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.58 F701:3A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x3A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.59 F701:3B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x3B
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.60 F701:3C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x3C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.61 F701:3D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x3D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.62 F701:3E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x3E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.63 F701:3F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x3F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.64 F701:40 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x40
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.65 F701:41 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x41
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.66 F701:42 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x42
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.67 F701:43 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x43
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.68 F701:44 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x44
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.69 F701:45 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x45
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.70 F701:46 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x46
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.71 F701:47 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x47
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.72 F701:48 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x48
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.73 F701:49 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x49
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.74 F701:4A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x4A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.75 F701:4B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x4B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.76 F701:4C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x4C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.77 F701:4D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x4D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.78 F701:4E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x4E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.79 F701:4F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x4F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.80 F701:50 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x50
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.81 F701:51 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x51
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.82 F701:52 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x52
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.83 F701:53 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x53
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.84 F701:54 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x54
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.85 F701:55 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x55
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.86 F701:56 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x56
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.87 F701:57 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x57
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.88 F701:58 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x58
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.89 F701:59 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x59
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.90 F701:5A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x5A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.91 F701:5B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x5B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.92 F701:5C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x5C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.93 F701:5D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x5D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.94 F701:5E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x5E
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.95 F701:5F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x5F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.96 F701:60 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x60
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.97 F701:61 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x61
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.98 F701:62 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x62
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.99 F701:63 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x63
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.100 F701:64 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x64
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.101 F701:65 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x65
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.102 F701:66 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x66
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.103 F701:67 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x67
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.104 F701:68 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x68
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.105 F701:69 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x69
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.106 F701:6A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x6A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.107 F701:6B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x6B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.108 F701:6C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x6C
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.109 F701:6D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x6D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.110 F701:6E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x6E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.111 F701:6F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x6F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.112 F701:70 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x70
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.113 F701:71 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x71
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.114 F701:72 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x72
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.115 F701:73 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x73
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.116 F701:74 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x74
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.117 F701:75 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x75
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.118 F701:76 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x76
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.119 F701:77 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x77
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.120 F701:78 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x78
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.121 F701:79 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x79
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.122 F701:7A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x7A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.123 F701:7B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x7B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.124 F701:7C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x7C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.125 F701:7D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x7D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.126 F701:7E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x7E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.127 F701:7F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x7F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.128 F701:80 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x80
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.129 F701:81 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x81
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.130 F701:82 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x82
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.131 F701:83 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x83
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.132 F701:84 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x84
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.133 F701:85 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x85
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.134 F701:86 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x86
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.135 F701:87 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x87
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.136 F701:88 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x88
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.137 F701:89 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x89
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.138 F701:8A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x8A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.139 F701:8B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x8B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.140 F701:8C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x8C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.141 F701:8D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x8D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.142 F701:8E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x8E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.143 F701:8F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x8F
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.144 F701:90 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x90
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.145 F701:91 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x91
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.146 F701:92 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x92
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.147 F701:93 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x93
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.148 F701:94 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x94
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.149 F701:95 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x95
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.150 F701:96 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x96
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.151 F701:97 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x97
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.152 F701:98 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x98
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.153 F701:99 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x99
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.154 F701:9A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x9A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.155 F701:9B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x9B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.156 F701:9C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x9C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.157 F701:9D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x9D
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.158 F701:9E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x9E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.159 F701:9F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x9F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.160 F701:A0 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.161 F701:A1 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.162 F701:A2 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.163 F701:A3 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.164 F701:A4 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA4
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.165 F701:A5 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.166 F701:A6 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.167 F701:A7 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.168 F701:A8 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.169 F701:A9 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xA9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.170 F701:AA Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xAA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.171 F701:AB Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xAB
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.172 F701:AC Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xAC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.173 F701:AD Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xAD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.174 F701:AE Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xAE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.175 F701:AF Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xAF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.176 F701:B0 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.177 F701:B1 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.178 F701:B2 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB2
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.179 F701:B3 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.180 F701:B4 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.181 F701:B5 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.182 F701:B6 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.183 F701:B7 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.184 F701:B8 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.185 F701:B9 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xB9
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.186 F701:BA Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xBA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.187 F701:BB Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xBB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.188 F701:BC Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xBC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.189 F701:BD Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xBD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.190 F701:BE Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xBE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.191 F701:BF Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xBF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.192 F701:C0 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC0
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.193 F701:C1 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.194 F701:C2 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.195 F701:C3 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.196 F701:C4 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.197 F701:C5 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.198 F701:C6 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.199 F701:C7 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC7
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.200 F701:C8 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.201 F701:C9 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xC9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.202 F701:CA Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xCA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.203 F701:CB Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xCB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.204 F701:CC Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xCC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.205 F701:CD Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xCD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.206 F701:CE Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xCE
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.207 F701:CF Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xCF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.208 F701:D0 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.209 F701:D1 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.210 F701:D2 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.211 F701:D3 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.212 F701:D4 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.213 F701:D5 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD5
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.214 F701:D6 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.215 F701:D7 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.216 F701:D8 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.217 F701:D9 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xD9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.218 F701:DA Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xDA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.219 F701:DB Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xDB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.220 F701:DC Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xDC
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.221 F701:DD Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xDD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.222 F701:DE Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xDE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.223 F701:DF Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xDF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.216.224 F701:E0 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0xE0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217 F702:x FSOE Safe UINT16 Outputs

Description	Value
Index	0xF702 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.217.1 F702:01 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.2 F702:02 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.3 F702:03 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.4 F702:04 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.5 F702:05 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.6 F702:06 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.7 F702:07 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.8 F702:08 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.9 F702:09 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.10 F702:0A Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.11 F702:0B Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.12 F702:0C Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.13 F702:0D Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.14 F702:0E Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.15 F702:0F Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.16 F702:10 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.17 F702:11 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.18 F702:12 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.19 F702:13 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.20 F702:14 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.21 F702:15 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.22 F702:16 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.23 F702:17 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.24 F702:18 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.25 F702:19 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.26 F702:1A Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.27 F702:1B Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.28 F702:1C Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.29 F702:1D Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.30 F702:1E Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.217.31 F702:1F Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218 F703:x FSOE Safe INT16 Outputs

Description	Value
Index	0xF703 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.218.1 F703:01 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.2 F703:02 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.3 F703:03 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.4 F703:04 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x04
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.5 F703:05 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x05
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.6 F703:06 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x06
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.7 F703:07 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.8 F703:08 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x08
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.9 F703:09 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.10 F703:0A Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.11 F703:0B Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x0B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.12 F703:0C Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x0C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.13 F703:0D Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x0D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.14 F703:0E Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x0E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.15 F703:0F Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x0F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.16 F703:10 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.17 F703:11 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.18 F703:12 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.19 F703:13 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.20 F703:14 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.21 F703:15 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x15
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.22 F703:16 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x16
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.23 F703:17 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x17
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.24 F703:18 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.25 F703:19 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x19
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.26 F703:1A Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x1A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.27 F703:1B Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x1B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.28 F703:1C Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x1C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.29 F703:1D Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x1D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.30 F703:1E Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x1E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.218.31 F703:1F Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219 F704:x FSOE Safe UINT32 Outputs

Description	Value
Index	0xF704 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.219.1 F704:01 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.2 F704:02 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.3 F704:03 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.4 F704:04 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.5 F704:05 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.6 F704:06 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.7 F704:07 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.8 F704:08 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.9 F704:09 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.10 F704:0A Output

Description	Value
Index	0xF704 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.11 F704:0B Output

Description	Value
Index	0xF704 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.12 F704:0C Output

Description	Value
Index	0xF704 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.13 F704:0D Output

Description	Value
Index	0xF704 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.14 F704:0E Output

Description	Value
Index	0xF704 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.219.15 F704:0F Output

Description	Value
Index	0xF704 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220 F705:x FSOE Safe INT32 Outputs

Description	Value
Index	0xF705 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.220.1 F705:01 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.2 F705:02 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.3 F705:03 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.4 F705:04 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.5 F705:05 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.6 F705:06 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x06
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.7 F705:07 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x07
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.8 F705:08 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x08
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.9 F705:09 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x09
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.10 F705:0A Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.11 F705:0B Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x0B
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.12 F705:0C Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x0C
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.13 F705:0D Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x0D
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.14 F705:0E Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x0E
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.220.15 F705:0F Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x0F
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221 F706:x FSOE Std BOOL Outputs

Description	Value
Index	0xF706 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	224 (0xE0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.221.1 F706:01 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.2 F706:02 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.3 F706:03 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.4 F706:04 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.5 F706:05 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.6 F706:06 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.7 F706:07 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.8 F706:08 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.9 F706:09 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.10 F706:0A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.11 F706:0B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.12 F706:0C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.13 F706:0D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.14 F706:0E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.15 F706:0F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.16 F706:10 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.17 F706:11 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x11
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.18 F706:12 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x12
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.19 F706:13 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x13
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.20 F706:14 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x14
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.21 F706:15 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x15
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.22 F706:16 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x16
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.23 F706:17 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.24 F706:18 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x18
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.25 F706:19 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x19
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.26 F706:1A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x1A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.27 F706:1B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x1B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.28 F706:1C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x1C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.29 F706:1D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x1D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.30 F706:1E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x1E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.31 F706:1F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x1F
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.32 F706:20 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.33 F706:21 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x21
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.34 F706:22 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x22
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.35 F706:23 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x23
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.36 F706:24 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x24
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.37 F706:25 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x25
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.38 F706:26 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x26
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.39 F706:27 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x27
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.40 F706:28 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x28
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.41 F706:29 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x29
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.42 F706:2A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x2A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.43 F706:2B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x2B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.44 F706:2C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x2C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.45 F706:2D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x2D
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.46 F706:2E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x2E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.47 F706:2F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x2F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.48 F706:30 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x30
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.49 F706:31 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x31
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.50 F706:32 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x32
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.51 F706:33 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x33
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.52 F706:34 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x34
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.53 F706:35 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x35
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.54 F706:36 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x36
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.55 F706:37 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x37
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.56 F706:38 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x38
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.57 F706:39 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x39
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.58 F706:3A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x3A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.59 F706:3B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x3B
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.60 F706:3C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x3C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.61 F706:3D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x3D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.62 F706:3E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x3E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.63 F706:3F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x3F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.64 F706:40 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x40
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.65 F706:41 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x41
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.66 F706:42 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x42
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.67 F706:43 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x43
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.68 F706:44 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x44
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.69 F706:45 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x45
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.70 F706:46 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x46
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.71 F706:47 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x47
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.72 F706:48 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x48
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.73 F706:49 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x49
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.74 F706:4A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x4A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.75 F706:4B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x4B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.76 F706:4C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x4C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.77 F706:4D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x4D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.78 F706:4E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x4E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.79 F706:4F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x4F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.80 F706:50 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x50
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.81 F706:51 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x51
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.82 F706:52 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x52
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.83 F706:53 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x53
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.84 F706:54 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x54
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.85 F706:55 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x55
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.86 F706:56 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x56
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.87 F706:57 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x57
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.88 F706:58 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x58
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.89 F706:59 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x59
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.90 F706:5A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x5A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.91 F706:5B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x5B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.92 F706:5C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x5C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.93 F706:5D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x5D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.94 F706:5E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x5E
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.95 F706:5F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x5F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.96 F706:60 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x60
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.97 F706:61 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x61
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.98 F706:62 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x62
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.99 F706:63 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x63
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.100 F706:64 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x64
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.101 F706:65 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x65
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.102 F706:66 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x66
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.103 F706:67 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x67
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.104 F706:68 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x68
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.105 F706:69 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x69
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.106 F706:6A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x6A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.107 F706:6B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x6B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.108 F706:6C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x6C
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.109 F706:6D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x6D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.110 F706:6E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x6E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.111 F706:6F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x6F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.112 F706:70 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x70
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.113 F706:71 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x71
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.114 F706:72 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x72
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.115 F706:73 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x73
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.116 F706:74 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x74
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.117 F706:75 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x75
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.118 F706:76 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x76
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.119 F706:77 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x77
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.120 F706:78 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x78
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.121 F706:79 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x79
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.122 F706:7A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x7A
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.123 F706:7B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x7B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.124 F706:7C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x7C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.125 F706:7D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x7D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.126 F706:7E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x7E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.127 F706:7F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x7F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.128 F706:80 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x80
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.129 F706:81 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x81
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.130 F706:82 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x82
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.131 F706:83 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x83
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.132 F706:84 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x84
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.133 F706:85 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x85
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.134 F706:86 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x86
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.135 F706:87 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x87
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.136 F706:88 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x88
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.137 F706:89 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x89
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.138 F706:8A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x8A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.139 F706:8B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x8B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.140 F706:8C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x8C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.141 F706:8D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x8D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.142 F706:8E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x8E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.143 F706:8F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x8F
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.144 F706:90 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x90
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.145 F706:91 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x91
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.146 F706:92 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x92
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.147 F706:93 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x93
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.148 F706:94 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x94
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.149 F706:95 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x95
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.150 F706:96 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x96
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.151 F706:97 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x97
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.152 F706:98 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x98
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.153 F706:99 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x99
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.154 F706:9A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x9A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.155 F706:9B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x9B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.156 F706:9C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x9C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.157 F706:9D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x9D
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.158 F706:9E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x9E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.159 F706:9F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x9F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.160 F706:A0 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.161 F706:A1 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.162 F706:A2 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.163 F706:A3 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.164 F706:A4 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA4
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.165 F706:A5 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.166 F706:A6 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.167 F706:A7 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.168 F706:A8 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.169 F706:A9 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xA9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.170 F706:AA Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xAA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.171 F706:AB Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xAB
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.172 F706:AC Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xAC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.173 F706:AD Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xAD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.174 F706:AE Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xAE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.175 F706:AF Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xAF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.176 F706:B0 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.177 F706:B1 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.178 F706:B2 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB2
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.179 F706:B3 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.180 F706:B4 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.181 F706:B5 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.182 F706:B6 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.183 F706:B7 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.184 F706:B8 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.185 F706:B9 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xB9
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.186 F706:BA Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xBA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.187 F706:BB Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xBB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.188 F706:BC Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xBC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.189 F706:BD Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xBD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.190 F706:BE Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xBE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.191 F706:BF Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xBF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.192 F706:C0 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC0
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.193 F706:C1 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.194 F706:C2 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.195 F706:C3 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.196 F706:C4 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.197 F706:C5 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.198 F706:C6 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.199 F706:C7 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC7
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.200 F706:C8 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.201 F706:C9 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xC9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.202 F706:CA Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xCA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.203 F706:CB Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xCB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.204 F706:CC Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xCC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.205 F706:CD Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xCD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.206 F706:CE Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xCE
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.207 F706:CF Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xCF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.208 F706:D0 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.209 F706:D1 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.210 F706:D2 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.211 F706:D3 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.212 F706:D4 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.213 F706:D5 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD5
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.214 F706:D6 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.215 F706:D7 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.216 F706:D8 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.217 F706:D9 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xD9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.218 F706:DA Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xDA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.219 F706:DB Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xDB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.220 F706:DC Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xDC
Datatype	BOOL
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.221 F706:DD Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xDD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.222 F706:DE Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xDE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.223 F706:DF Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xDF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.221.224 F706:E0 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0xE0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222 F707:x FSOE Std UINT16 Outputs

Description	Value
Index	0xF707 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.222.1 F707:01 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.2 F707:02 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.3 F707:03 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.4 F707:04 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.5 F707:05 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.6 F707:06 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.7 F707:07 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.8 F707:08 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.9 F707:09 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.10 F707:0A Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.11 F707:0B Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.12 F707:0C Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.13 F707:0D Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.14 F707:0E Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.15 F707:0F Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.16 F707:10 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.17 F707:11 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.18 F707:12 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.19 F707:13 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.20 F707:14 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.21 F707:15 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.22 F707:16 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.23 F707:17 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.24 F707:18 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.25 F707:19 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.26 F707:1A Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.27 F707:1B Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.28 F707:1C Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.29 F707:1D Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.30 F707:1E Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.222.31 F707:1F Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223 F708:x FSOE Std INT16 Outputs

Description	Value
Index	0xF708 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.223.1 F708:01 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.2 F708:02 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.3 F708:03 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.4 F708:04 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x04
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.5 F708:05 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x05
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.6 F708:06 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x06
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.7 F708:07 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.8 F708:08 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x08
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.9 F708:09 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.10 F708:0A Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.11 F708:0B Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x0B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.12 F708:0C Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x0C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.13 F708:0D Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x0D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.14 F708:0E Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x0E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.15 F708:0F Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x0F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.16 F708:10 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.17 F708:11 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.18 F708:12 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.19 F708:13 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.20 F708:14 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.21 F708:15 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x15
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.22 F708:16 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x16
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.23 F708:17 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x17
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.24 F708:18 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.25 F708:19 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x19
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.26 F708:1A Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x1A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.27 F708:1B Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x1B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.28 F708:1C Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x1C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.29 F708:1D Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x1D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.30 F708:1E Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x1E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.223.31 F708:1F Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224 F709:x FSOE Std UINT32 Outputs

Description	Value
Index	0xF709 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.224.1 F709:01 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.2 F709:02 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.3 F709:03 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.4 F709:04 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.5 F709:05 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.6 F709:06 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.7 F709:07 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.8 F709:08 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.9 F709:09 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.10 F709:0A Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.11 F709:0B Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.12 F709:0C Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.13 F709:0D Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.14 F709:0E Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.224.15 F709:0F Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225 F70A:x FSOE Std INT32 Outputs

Description	Value
Index	0xF70A (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.225.1 F70A:01 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.2 F70A:02 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.3 F70A:03 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.4 F70A:04 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.5 F70A:05 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.6 F70A:06 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x06
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.7 F70A:07 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x07
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.8 F70A:08 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x08
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.9 F70A:09 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x09
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.10 F70A:0A Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.11 F70A:0B Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x0B
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.12 F70A:0C Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x0C
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.13 F70A:0D Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x0D
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.14 F70A:0E Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x0E
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.225.15 F70A:0F Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x0F
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226 F70B:x FSOE Std UINT8 Outputs

Description	Value
Index	0xF70B (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	62 (0x3E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.226.1 F70B:01 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.2 F70B:02 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.3 F70B:03 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.4 F70B:04 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.5 F70B:05 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.6 F70B:06 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.7 F70B:07 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.8 F70B:08 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.9 F70B:09 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.10 F70B:0A Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.11 F70B:0B Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.12 F70B:0C Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.13 F70B:0D Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.14 F70B:0E Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.15 F70B:0F Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.16 F70B:10 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.17 F70B:11 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.18 F70B:12 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.19 F70B:13 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.20 F70B:14 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.21 F70B:15 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.22 F70B:16 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.23 F70B:17 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.24 F70B:18 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.25 F70B:19 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.26 F70B:1A Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.27 F70B:1B Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.28 F70B:1C Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.29 F70B:1D Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.30 F70B:1E Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.31 F70B:1F Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.32 F70B:20 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.33 F70B:21 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.34 F70B:22 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.35 F70B:23 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.36 F70B:24 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.37 F70B:25 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.38 F70B:26 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.39 F70B:27 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.40 F70B:28 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.41 F70B:29 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.42 F70B:2A Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.43 F70B:2B Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.44 F70B:2C Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.45 F70B:2D Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.46 F70B:2E Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.47 F70B:2F Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.48 F70B:30 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.49 F70B:31 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.50 F70B:32 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.51 F70B:33 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.52 F70B:34 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.53 F70B:35 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.54 F70B:36 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.55 F70B:37 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.56 F70B:38 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.57 F70B:39 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.58 F70B:3A Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.59 F70B:3B Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.60 F70B:3C Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.61 F70B:3D Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.226.62 F70B:3E Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227 F70C:x FSOE Safe UINT8 Outputs

Description	Value
Index	0xF70C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	62 (0x3E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.227.1 F70C:01 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.2 F70C:02 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.3 F70C:03 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.4 F70C:04 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.5 F70C:05 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.6 F70C:06 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.7 F70C:07 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.8 F70C:08 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.9 F70C:09 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.10 F70C:0A Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.11 F70C:0B Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.12 F70C:0C Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.13 F70C:0D Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.14 F70C:0E Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.15 F70C:0F Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.16 F70C:10 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.17 F70C:11 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.18 F70C:12 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.19 F70C:13 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.20 F70C:14 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.21 F70C:15 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.22 F70C:16 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.23 F70C:17 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.24 F70C:18 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.25 F70C:19 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.26 F70C:1A Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.27 F70C:1B Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.28 F70C:1C Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.29 F70C:1D Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.30 F70C:1E Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.31 F70C:1F Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.32 F70C:20 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.33 F70C:21 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.34 F70C:22 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.35 F70C:23 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.36 F70C:24 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.37 F70C:25 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.38 F70C:26 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.39 F70C:27 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.40 F70C:28 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.41 F70C:29 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.42 F70C:2A Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.43 F70C:2B Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.44 F70C:2C Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.45 F70C:2D Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.46 F70C:2E Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.47 F70C:2F Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.48 F70C:30 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.49 F70C:31 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.50 F70C:32 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.51 F70C:33 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.52 F70C:34 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.53 F70C:35 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.54 F70C:36 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.55 F70C:37 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.56 F70C:38 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.57 F70C:39 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.58 F70C:3A Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.59 F70C:3B Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.60 F70C:3C Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.61 F70C:3D Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.227.62 F70C:3E Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.228 F788 Standard Inputs

Description	Value
Index	0xF788 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

3.229 F980:x Safe Address

Description	Value
Index	0xF980 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.229.1 F980:01 FSoE Address

Description	Value
Index	0xF980 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.229.2 F980:02 Serial Number

Description	Value
Index	0xF980 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.229.3 F980:03 Project CRC

Description	Value
Index	0xF980 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

3.229.4 F980:04 Default Project CRC

Description	Value
Index	0xF980 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.230 F981:x CTRL Info data

Description	Value
Index	0xF981 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.230.1 F981:01 Project Download Counter

Description	Value
Index	0xF981 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.230.2 F981:02 Maximum Project Download Counter

Description	Value
Index	0xF981 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.231 F984:x Device Info Data C1

Description	Value
Index	0xF984 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.231.1 F984:01 Voltage C2

Description	Value
Index	0xF984 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.231.2 F984:02 Temperature C1

Description	Value
Index	0xF984 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.231.3 F984:03 Firmware CRC C1

Description	Value
Index	0xF984 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.231.4 F984:04 Vendordata CRC C1

Description	Value
Index	0xF984 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.231.5 F984:05 Calibrationdata CRC C1

Description	Value
Index	0xF984 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.232 F985:x Device Info Data C2

Description	Value
Index	0xF985 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.232.1 F985:01 Voltage C1

Description	Value
Index	0xF985 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.232.2 F985:02 Temperature C2

Description	Value
Index	0xF985 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.232.3 F985:03 Firmware CRC C2

Description	Value
Index	0xF985 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.232.4 F985:04 Vendordata CRC C2

Description	Value
Index	0xF985 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.232.5 F985:05 Calibrationdata CRC C2

Description	Value
Index	0xF985 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233 F988:x FB 1-255 Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.1 F988:01 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.2 F988:02 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.3 F988:03 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.4 F988:04 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.5 F988:05 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.6 F988:06 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.7 F988:07 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.8 F988:08 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.9 F988:09 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.10 F988:0A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.11 F988:0B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.12 F988:0C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.13 F988:0D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.14 F988:0E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.15 F988:0F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.16 F988:10 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.17 F988:11 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.18 F988:12 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.19 F988:13 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.20 F988:14 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.21 F988:15 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.22 F988:16 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.23 F988:17 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.24 F988:18 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.25 F988:19 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.26 F988:1A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.27 F988:1B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.28 F988:1C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.29 F988:1D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.30 F988:1E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.31 F988:1F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.32 F988:20 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.33 F988:21 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.34 F988:22 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.35 F988:23 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.36 F988:24 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.37 F988:25 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.38 F988:26 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.39 F988:27 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.40 F988:28 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.41 F988:29 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.42 F988:2A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.43 F988:2B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.44 F988:2C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.45 F988:2D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.46 F988:2E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.47 F988:2F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.48 F988:30 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.49 F988:31 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.50 F988:32 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.51 F988:33 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.52 F988:34 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.53 F988:35 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.54 F988:36 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.55 F988:37 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.56 F988:38 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.57 F988:39 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.58 F988:3A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.59 F988:3B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.60 F988:3C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.61 F988:3D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.62 F988:3E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.63 F988:3F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.64 F988:40 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.65 F988:41 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.66 F988:42 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.67 F988:43 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.68 F988:44 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.69 F988:45 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.70 F988:46 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.71 F988:47 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.72 F988:48 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.73 F988:49 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.74 F988:4A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.75 F988:4B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.76 F988:4C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.77 F988:4D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.78 F988:4E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.79 F988:4F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.80 F988:50 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.81 F988:51 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.82 F988:52 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.83 F988:53 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.84 F988:54 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.85 F988:55 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.86 F988:56 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.87 F988:57 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.88 F988:58 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.89 F988:59 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.90 F988:5A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.91 F988:5B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.92 F988:5C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.93 F988:5D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.94 F988:5E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.95 F988:5F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.96 F988:60 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.97 F988:61 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.98 F988:62 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.99 F988:63 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.100 F988:64 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.101 F988:65 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.102 F988:66 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.103 F988:67 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.104 F988:68 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.105 F988:69 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.106 F988:6A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.107 F988:6B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.108 F988:6C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.109 F988:6D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.110 F988:6E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.111 F988:6F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.112 F988:70 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.113 F988:71 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.114 F988:72 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.115 F988:73 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.116 F988:74 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.117 F988:75 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.118 F988:76 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.119 F988:77 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.120 F988:78 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.121 F988:79 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.122 F988:7A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.123 F988:7B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.124 F988:7C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.125 F988:7D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.126 F988:7E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.127 F988:7F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.128 F988:80 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.129 F988:81 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.130 F988:82 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.131 F988:83 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.132 F988:84 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.133 F988:85 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.134 F988:86 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.135 F988:87 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.136 F988:88 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.137 F988:89 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.138 F988:8A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.139 F988:8B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.140 F988:8C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.141 F988:8D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.142 F988:8E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.143 F988:8F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.144 F988:90 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.145 F988:91 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.146 F988:92 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.147 F988:93 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.148 F988:94 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.149 F988:95 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.150 F988:96 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.151 F988:97 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.152 F988:98 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.153 F988:99 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.154 F988:9A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.155 F988:9B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.156 F988:9C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.157 F988:9D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.158 F988:9E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.159 F988:9F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.160 F988:A0 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.161 F988:A1 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.162 F988:A2 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.163 F988:A3 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.164 F988:A4 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.165 F988:A5 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.166 F988:A6 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.167 F988:A7 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.168 F988:A8 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.169 F988:A9 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.170 F988:AA FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.171 F988:AB FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.172 F988:AC FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.173 F988:AD FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.174 F988:AE FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.175 F988:AF FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.176 F988:B0 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.177 F988:B1 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.178 F988:B2 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.179 F988:B3 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.180 F988:B4 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.181 F988:B5 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.182 F988:B6 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.183 F988:B7 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.184 F988:B8 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.185 F988:B9 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.186 F988:BA FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.187 F988:BB FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.188 F988:BC FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.189 F988:BD FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.190 F988:BE FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.191 F988:BF FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.192 F988:C0 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.193 F988:C1 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.194 F988:C2 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.195 F988:C3 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.196 F988:C4 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.197 F988:C5 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.198 F988:C6 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.199 F988:C7 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.200 F988:C8 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.201 F988:C9 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.202 F988:CA FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.203 F988:CB FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.204 F988:CC FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.205 F988:CD FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.206 F988:CE FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.207 F988:CF FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.208 F988:D0 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.209 F988:D1 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.210 F988:D2 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.211 F988:D3 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.212 F988:D4 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.213 F988:D5 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.214 F988:D6 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.215 F988:D7 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.216 F988:D8 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.217 F988:D9 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.218 F988:DA FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.219 F988:DB FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.220 F988:DC FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.221 F988:DD FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.222 F988:DE FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.223 F988:DF FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.224 F988:E0 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.225 F988:E1 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.226 F988:E2 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.227 F988:E3 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.228 F988:E4 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.229 F988:E5 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.230 F988:E6 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.231 F988:E7 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.232 F988:E8 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.233 F988:E9 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.234 F988:EA FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.235 F988:EB FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.236 F988:EC FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.237 F988:ED FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.238 F988:EE FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.239 F988:EF FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.240 F988:F0 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.241 F988:F1 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.242 F988:F2 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.243 F988:F3 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.244 F988:F4 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.245 F988:F5 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.246 F988:F6 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.247 F988:F7 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.248 F988:F8 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.249 F988:F9 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.250 F988:FA FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.251 F988:FB FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.252 F988:FC FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.253 F988:FD FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.254 F988:FE FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.233.255 F988:FF FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234 F989:x FB 256-510 Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.1 F989:01 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.2 F989:02 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.3 F989:03 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.4 F989:04 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.5 F989:05 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.6 F989:06 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.7 F989:07 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.8 F989:08 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.9 F989:09 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.10 F989:0A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.11 F989:0B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.12 F989:0C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.13 F989:0D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.14 F989:0E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.15 F989:0F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.16 F989:10 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.17 F989:11 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.18 F989:12 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.19 F989:13 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.20 F989:14 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.21 F989:15 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.22 F989:16 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.23 F989:17 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.24 F989:18 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.25 F989:19 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.26 F989:1A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.27 F989:1B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.28 F989:1C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.29 F989:1D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.30 F989:1E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.31 F989:1F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.32 F989:20 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.33 F989:21 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.34 F989:22 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.35 F989:23 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.36 F989:24 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.37 F989:25 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.38 F989:26 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.39 F989:27 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.40 F989:28 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.41 F989:29 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.42 F989:2A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.43 F989:2B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.44 F989:2C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.45 F989:2D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.46 F989:2E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.47 F989:2F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.48 F989:30 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.49 F989:31 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.50 F989:32 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.51 F989:33 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.52 F989:34 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.53 F989:35 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.54 F989:36 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.55 F989:37 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.56 F989:38 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.57 F989:39 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.58 F989:3A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.59 F989:3B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.60 F989:3C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.61 F989:3D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.62 F989:3E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.63 F989:3F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.64 F989:40 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.65 F989:41 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.66 F989:42 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.67 F989:43 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.68 F989:44 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.69 F989:45 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.70 F989:46 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.71 F989:47 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.72 F989:48 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.73 F989:49 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.74 F989:4A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.75 F989:4B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.76 F989:4C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.77 F989:4D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.78 F989:4E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.79 F989:4F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.80 F989:50 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.81 F989:51 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.82 F989:52 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.83 F989:53 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.84 F989:54 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.85 F989:55 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.86 F989:56 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.87 F989:57 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.88 F989:58 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.89 F989:59 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.90 F989:5A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.91 F989:5B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.92 F989:5C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.93 F989:5D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.94 F989:5E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.95 F989:5F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.96 F989:60 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.97 F989:61 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.98 F989:62 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.99 F989:63 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.100 F989:64 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.101 F989:65 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.102 F989:66 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.103 F989:67 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.104 F989:68 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.105 F989:69 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.106 F989:6A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.107 F989:6B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.108 F989:6C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.109 F989:6D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.110 F989:6E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.111 F989:6F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.112 F989:70 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.113 F989:71 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.114 F989:72 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.115 F989:73 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.116 F989:74 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.117 F989:75 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.118 F989:76 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.119 F989:77 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.120 F989:78 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.121 F989:79 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.122 F989:7A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.123 F989:7B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.124 F989:7C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.125 F989:7D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.126 F989:7E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.127 F989:7F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.128 F989:80 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.129 F989:81 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.130 F989:82 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.131 F989:83 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.132 F989:84 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.133 F989:85 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.134 F989:86 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.135 F989:87 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.136 F989:88 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.137 F989:89 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.138 F989:8A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.139 F989:8B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.140 F989:8C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.141 F989:8D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.142 F989:8E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.143 F989:8F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.144 F989:90 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.145 F989:91 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.146 F989:92 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.147 F989:93 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.148 F989:94 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.149 F989:95 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.150 F989:96 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.151 F989:97 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.152 F989:98 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.153 F989:99 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.154 F989:9A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.155 F989:9B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.156 F989:9C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.157 F989:9D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.158 F989:9E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.159 F989:9F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.160 F989:A0 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.161 F989:A1 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.162 F989:A2 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.163 F989:A3 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.164 F989:A4 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.165 F989:A5 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.166 F989:A6 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.167 F989:A7 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.168 F989:A8 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.169 F989:A9 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.170 F989:AA FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.171 F989:AB FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.172 F989:AC FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.173 F989:AD FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.174 F989:AE FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.175 F989:AF FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.176 F989:B0 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.177 F989:B1 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.178 F989:B2 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.179 F989:B3 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.180 F989:B4 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.181 F989:B5 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.182 F989:B6 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.183 F989:B7 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.184 F989:B8 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.185 F989:B9 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.186 F989:BA FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.187 F989:BB FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.188 F989:BC FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.189 F989:BD FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.190 F989:BE FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.191 F989:BF FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.192 F989:C0 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.193 F989:C1 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.194 F989:C2 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.195 F989:C3 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.196 F989:C4 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.197 F989:C5 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.198 F989:C6 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.199 F989:C7 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.200 F989:C8 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.201 F989:C9 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.202 F989:CA FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.203 F989:CB FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.204 F989:CC FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.205 F989:CD FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.206 F989:CE FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.207 F989:CF FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.208 F989:D0 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.209 F989:D1 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.210 F989:D2 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.211 F989:D3 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.212 F989:D4 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.213 F989:D5 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.214 F989:D6 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.215 F989:D7 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.216 F989:D8 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.217 F989:D9 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.218 F989:DA FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.219 F989:DB FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.220 F989:DC FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.221 F989:DD FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.222 F989:DE FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.223 F989:DF FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.224 F989:E0 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.225 F989:E1 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.226 F989:E2 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.227 F989:E3 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.228 F989:E4 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.229 F989:E5 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.230 F989:E6 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.231 F989:E7 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.232 F989:E8 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.233 F989:E9 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.234 F989:EA FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.235 F989:EB FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.236 F989:EC FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.237 F989:ED FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.238 F989:EE FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.239 F989:EF FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.240 F989:F0 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.241 F989:F1 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.242 F989:F2 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.243 F989:F3 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.244 F989:F4 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.245 F989:F5 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.246 F989:F6 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.247 F989:F7 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.248 F989:F8 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.249 F989:F9 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.250 F989:FA FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.251 F989:FB FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.252 F989:FC FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.253 F989:FD FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.254 F989:FE FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.234.255 F989:FF FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235 F98A:x FB 511-512 Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.1 F98A:01 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.2 F98A:02 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.3 F98A:03 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.4 F98A:04 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.5 F98A:05 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.6 F98A:06 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.7 F98A:07 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.8 F98A:08 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.9 F98A:09 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.10 F98A:0A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.11 F98A:0B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.12 F98A:0C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.13 F98A:0D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.14 F98A:0E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.15 F98A:0F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.16 F98A:10 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.17 F98A:11 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.18 F98A:12 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.19 F98A:13 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.20 F98A:14 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.21 F98A:15 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.22 F98A:16 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.23 F98A:17 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.24 F98A:18 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.25 F98A:19 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.26 F98A:1A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.27 F98A:1B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.28 F98A:1C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.29 F98A:1D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.30 F98A:1E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.31 F98A:1F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.32 F98A:20 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.33 F98A:21 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.34 F98A:22 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.35 F98A:23 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.36 F98A:24 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.37 F98A:25 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.38 F98A:26 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.39 F98A:27 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.40 F98A:28 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.41 F98A:29 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.42 F98A:2A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.43 F98A:2B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.44 F98A:2C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.45 F98A:2D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.46 F98A:2E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.47 F98A:2F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.48 F98A:30 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.49 F98A:31 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.50 F98A:32 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.51 F98A:33 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.52 F98A:34 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.53 F98A:35 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.54 F98A:36 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.55 F98A:37 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.56 F98A:38 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.57 F98A:39 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.58 F98A:3A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.59 F98A:3B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.60 F98A:3C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.61 F98A:3D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.62 F98A:3E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.63 F98A:3F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.64 F98A:40 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.65 F98A:41 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.66 F98A:42 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.67 F98A:43 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.68 F98A:44 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.69 F98A:45 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.70 F98A:46 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.71 F98A:47 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.72 F98A:48 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.73 F98A:49 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.74 F98A:4A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.75 F98A:4B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.76 F98A:4C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.77 F98A:4D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.78 F98A:4E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.79 F98A:4F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.80 F98A:50 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.81 F98A:51 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.82 F98A:52 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.83 F98A:53 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.84 F98A:54 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.85 F98A:55 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.86 F98A:56 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.87 F98A:57 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.88 F98A:58 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.89 F98A:59 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.90 F98A:5A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.91 F98A:5B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.92 F98A:5C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.93 F98A:5D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.94 F98A:5E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.95 F98A:5F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.96 F98A:60 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.97 F98A:61 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.98 F98A:62 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.99 F98A:63 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.100 F98A:64 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.101 F98A:65 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.102 F98A:66 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.103 F98A:67 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.104 F98A:68 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.105 F98A:69 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.106 F98A:6A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.107 F98A:6B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.108 F98A:6C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.109 F98A:6D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.110 F98A:6E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.111 F98A:6F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.112 F98A:70 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.113 F98A:71 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.114 F98A:72 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.115 F98A:73 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.116 F98A:74 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.117 F98A:75 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.118 F98A:76 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.119 F98A:77 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.120 F98A:78 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.121 F98A:79 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.122 F98A:7A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.123 F98A:7B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.124 F98A:7C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.125 F98A:7D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.126 F98A:7E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.127 F98A:7F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.128 F98A:80 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.129 F98A:81 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.130 F98A:82 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.131 F98A:83 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.132 F98A:84 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.133 F98A:85 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.134 F98A:86 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.135 F98A:87 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.136 F98A:88 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.137 F98A:89 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.138 F98A:8A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.139 F98A:8B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.140 F98A:8C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.141 F98A:8D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.142 F98A:8E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.143 F98A:8F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.144 F98A:90 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.145 F98A:91 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.146 F98A:92 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.147 F98A:93 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.148 F98A:94 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.149 F98A:95 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.150 F98A:96 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.151 F98A:97 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.152 F98A:98 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.153 F98A:99 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.154 F98A:9A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.155 F98A:9B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.156 F98A:9C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.157 F98A:9D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.158 F98A:9E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.159 F98A:9F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.160 F98A:A0 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.161 F98A:A1 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.162 F98A:A2 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.163 F98A:A3 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.164 F98A:A4 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.165 F98A:A5 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.166 F98A:A6 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.167 F98A:A7 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.168 F98A:A8 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.169 F98A:A9 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.170 F98A:AA FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.171 F98A:AB FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.172 F98A:AC FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.173 F98A:AD FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.174 F98A:AE FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.175 F98A:AF FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.176 F98A:B0 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.177 F98A:B1 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.178 F98A:B2 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.179 F98A:B3 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.180 F98A:B4 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.181 F98A:B5 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.182 F98A:B6 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.183 F98A:B7 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.184 F98A:B8 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.185 F98A:B9 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.186 F98A:BA FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.187 F98A:BB FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.188 F98A:BC FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.189 F98A:BD FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.190 F98A:BE FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.191 F98A:BF FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.192 F98A:C0 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.193 F98A:C1 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.194 F98A:C2 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.195 F98A:C3 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.196 F98A:C4 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.197 F98A:C5 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.198 F98A:C6 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.199 F98A:C7 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.200 F98A:C8 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.201 F98A:C9 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.202 F98A:CA FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.203 F98A:CB FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.204 F98A:CC FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.205 F98A:CD FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.206 F98A:CE FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.207 F98A:CF FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.208 F98A:D0 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.209 F98A:D1 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.210 F98A:D2 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.211 F98A:D3 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.212 F98A:D4 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.213 F98A:D5 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.214 F98A:D6 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.215 F98A:D7 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.216 F98A:D8 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.217 F98A:D9 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.218 F98A:DA FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.219 F98A:DB FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.220 F98A:DC FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.221 F98A:DD FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.222 F98A:DE FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.223 F98A:DF FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.224 F98A:E0 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.225 F98A:E1 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.226 F98A:E2 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.227 F98A:E3 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.228 F98A:E4 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.229 F98A:E5 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.230 F98A:E6 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.231 F98A:E7 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.232 F98A:E8 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.233 F98A:E9 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.234 F98A:EA FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.235 F98A:EB FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.236 F98A:EC FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.237 F98A:ED FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.238 F98A:EE FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.239 F98A:EF FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.240 F98A:F0 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.241 F98A:F1 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.242 F98A:F2 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.243 F98A:F3 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.244 F98A:F4 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.245 F98A:F5 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.246 F98A:F6 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.247 F98A:F7 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.248 F98A:F8 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.249 F98A:F9 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.250 F98A:FA FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.251 F98A:FB FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.252 F98A:FC FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.253 F98A:FD FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.254 F98A:FE FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.235.255 F98A:FF FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236 F98C:x FB 1-255 Outputs

Description	Value
Index	0xF98C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.1 F98C:01 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.2 F98C:02 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.3 F98C:03 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.4 F98C:04 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.5 F98C:05 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.6 F98C:06 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.7 F98C:07 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.8 F98C:08 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.9 F98C:09 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.10 F98C:0A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.11 F98C:0B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.12 F98C:0C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.13 F98C:0D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.14 F98C:0E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.15 F98C:0F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.16 F98C:10 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.17 F98C:11 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.18 F98C:12 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.19 F98C:13 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.20 F98C:14 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.21 F98C:15 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.22 F98C:16 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.23 F98C:17 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.24 F98C:18 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.25 F98C:19 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.26 F98C:1A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.27 F98C:1B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.28 F98C:1C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.29 F98C:1D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.30 F98C:1E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.31 F98C:1F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.32 F98C:20 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.33 F98C:21 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.34 F98C:22 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.35 F98C:23 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.36 F98C:24 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.37 F98C:25 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.38 F98C:26 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.39 F98C:27 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.40 F98C:28 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.41 F98C:29 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.42 F98C:2A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.43 F98C:2B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.44 F98C:2C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.45 F98C:2D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.46 F98C:2E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.47 F98C:2F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.48 F98C:30 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.49 F98C:31 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.50 F98C:32 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.51 F98C:33 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.52 F98C:34 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.53 F98C:35 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.54 F98C:36 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.55 F98C:37 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.56 F98C:38 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.57 F98C:39 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.58 F98C:3A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.59 F98C:3B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.60 F98C:3C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.61 F98C:3D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.62 F98C:3E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.63 F98C:3F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.64 F98C:40 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.65 F98C:41 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.66 F98C:42 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.67 F98C:43 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.68 F98C:44 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.69 F98C:45 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.70 F98C:46 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.71 F98C:47 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.72 F98C:48 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.73 F98C:49 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.74 F98C:4A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.75 F98C:4B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.76 F98C:4C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.77 F98C:4D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.78 F98C:4E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.79 F98C:4F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.80 F98C:50 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.81 F98C:51 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.82 F98C:52 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.83 F98C:53 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.84 F98C:54 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.85 F98C:55 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.86 F98C:56 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.87 F98C:57 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.88 F98C:58 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.89 F98C:59 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.90 F98C:5A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.91 F98C:5B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.92 F98C:5C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.93 F98C:5D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.94 F98C:5E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.95 F98C:5F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.96 F98C:60 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.97 F98C:61 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.98 F98C:62 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.99 F98C:63 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.100 F98C:64 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.101 F98C:65 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.102 F98C:66 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.103 F98C:67 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.104 F98C:68 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.105 F98C:69 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.106 F98C:6A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.107 F98C:6B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.108 F98C:6C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.109 F98C:6D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.110 F98C:6E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.111 F98C:6F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.112 F98C:70 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.113 F98C:71 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.114 F98C:72 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.115 F98C:73 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.116 F98C:74 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.117 F98C:75 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.118 F98C:76 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.119 F98C:77 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.120 F98C:78 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.121 F98C:79 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.122 F98C:7A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.123 F98C:7B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.124 F98C:7C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.125 F98C:7D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.126 F98C:7E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.127 F98C:7F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.128 F98C:80 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.129 F98C:81 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.130 F98C:82 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.131 F98C:83 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.132 F98C:84 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.133 F98C:85 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.134 F98C:86 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.135 F98C:87 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.136 F98C:88 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.137 F98C:89 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.138 F98C:8A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.139 F98C:8B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.140 F98C:8C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.141 F98C:8D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.142 F98C:8E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.143 F98C:8F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.144 F98C:90 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.145 F98C:91 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.146 F98C:92 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.147 F98C:93 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.148 F98C:94 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.149 F98C:95 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.150 F98C:96 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.151 F98C:97 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.152 F98C:98 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.153 F98C:99 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.154 F98C:9A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.155 F98C:9B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.156 F98C:9C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.157 F98C:9D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.158 F98C:9E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.159 F98C:9F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.160 F98C:A0 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.161 F98C:A1 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.162 F98C:A2 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.163 F98C:A3 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.164 F98C:A4 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.165 F98C:A5 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.166 F98C:A6 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.167 F98C:A7 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.168 F98C:A8 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.169 F98C:A9 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.170 F98C:AA FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.171 F98C:AB FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.172 F98C:AC FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.173 F98C:AD FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.174 F98C:AE FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.175 F98C:AF FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.176 F98C:B0 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.177 F98C:B1 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.178 F98C:B2 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.179 F98C:B3 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.180 F98C:B4 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.181 F98C:B5 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.182 F98C:B6 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.183 F98C:B7 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.184 F98C:B8 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.185 F98C:B9 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.186 F98C:BA FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.187 F98C:BB FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.188 F98C:BC FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.189 F98C:BD FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.190 F98C:BE FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.191 F98C:BF FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.192 F98C:C0 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.193 F98C:C1 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.194 F98C:C2 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.195 F98C:C3 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.196 F98C:C4 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.197 F98C:C5 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.198 F98C:C6 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.199 F98C:C7 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.200 F98C:C8 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.201 F98C:C9 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.202 F98C:CA FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.203 F98C:CB FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.204 F98C:CC FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.205 F98C:CD FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.206 F98C:CE FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.207 F98C:CF FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.208 F98C:D0 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.209 F98C:D1 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.210 F98C:D2 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.211 F98C:D3 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.212 F98C:D4 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.213 F98C:D5 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.214 F98C:D6 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.215 F98C:D7 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.216 F98C:D8 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.217 F98C:D9 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.218 F98C:DA FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.219 F98C:DB FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.220 F98C:DC FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.221 F98C:DD FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.222 F98C:DE FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.223 F98C:DF FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.224 F98C:E0 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.225 F98C:E1 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.226 F98C:E2 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.227 F98C:E3 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.228 F98C:E4 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.229 F98C:E5 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.230 F98C:E6 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.231 F98C:E7 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.232 F98C:E8 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.233 F98C:E9 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.234 F98C:EA FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.235 F98C:EB FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.236 F98C:EC FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.237 F98C:ED FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.238 F98C:EE FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.239 F98C:EF FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.240 F98C:F0 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.241 F98C:F1 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.242 F98C:F2 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.243 F98C:F3 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.244 F98C:F4 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.245 F98C:F5 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.246 F98C:F6 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.247 F98C:F7 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.248 F98C:F8 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.249 F98C:F9 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.250 F98C:FA FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.251 F98C:FB FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.252 F98C:FC FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.253 F98C:FD FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.254 F98C:FE FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.236.255 F98C:FF FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237 F98D:x FB 256-510 Outputs

Description	Value
Index	0xF98D (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.1 F98D:01 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.2 F98D:02 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.3 F98D:03 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.4 F98D:04 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.5 F98D:05 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.6 F98D:06 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.7 F98D:07 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.8 F98D:08 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.9 F98D:09 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.10 F98D:0A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.11 F98D:0B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.12 F98D:0C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.13 F98D:0D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.14 F98D:0E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.15 F98D:0F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.16 F98D:10 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.17 F98D:11 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.18 F98D:12 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.19 F98D:13 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.20 F98D:14 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.21 F98D:15 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.22 F98D:16 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.23 F98D:17 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.24 F98D:18 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.25 F98D:19 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.26 F98D:1A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.27 F98D:1B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.28 F98D:1C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.29 F98D:1D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.30 F98D:1E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.31 F98D:1F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.32 F98D:20 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.33 F98D:21 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.34 F98D:22 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.35 F98D:23 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.36 F98D:24 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.37 F98D:25 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.38 F98D:26 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.39 F98D:27 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.40 F98D:28 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.41 F98D:29 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.42 F98D:2A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.43 F98D:2B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.44 F98D:2C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.45 F98D:2D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.46 F98D:2E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.47 F98D:2F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.48 F98D:30 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.49 F98D:31 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.50 F98D:32 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.51 F98D:33 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.52 F98D:34 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.53 F98D:35 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.54 F98D:36 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.55 F98D:37 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.56 F98D:38 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.57 F98D:39 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.58 F98D:3A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.59 F98D:3B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.60 F98D:3C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.61 F98D:3D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.62 F98D:3E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.63 F98D:3F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.64 F98D:40 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.65 F98D:41 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.66 F98D:42 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.67 F98D:43 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.68 F98D:44 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.69 F98D:45 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.70 F98D:46 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.71 F98D:47 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.72 F98D:48 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.73 F98D:49 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.74 F98D:4A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.75 F98D:4B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.76 F98D:4C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.77 F98D:4D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.78 F98D:4E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.79 F98D:4F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.80 F98D:50 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.81 F98D:51 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.82 F98D:52 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.83 F98D:53 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.84 F98D:54 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.85 F98D:55 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.86 F98D:56 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.87 F98D:57 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.88 F98D:58 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.89 F98D:59 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.90 F98D:5A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.91 F98D:5B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.92 F98D:5C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.93 F98D:5D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.94 F98D:5E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.95 F98D:5F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.96 F98D:60 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.97 F98D:61 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.98 F98D:62 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.99 F98D:63 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.100 F98D:64 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.101 F98D:65 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.102 F98D:66 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.103 F98D:67 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.104 F98D:68 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.105 F98D:69 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.106 F98D:6A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.107 F98D:6B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.108 F98D:6C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.109 F98D:6D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.110 F98D:6E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.111 F98D:6F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.112 F98D:70 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.113 F98D:71 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.114 F98D:72 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.115 F98D:73 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.116 F98D:74 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.117 F98D:75 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.118 F98D:76 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.119 F98D:77 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.120 F98D:78 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.121 F98D:79 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.122 F98D:7A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.123 F98D:7B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.124 F98D:7C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.125 F98D:7D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.126 F98D:7E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.127 F98D:7F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.128 F98D:80 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.129 F98D:81 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.130 F98D:82 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.131 F98D:83 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.132 F98D:84 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.133 F98D:85 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.134 F98D:86 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.135 F98D:87 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.136 F98D:88 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.137 F98D:89 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.138 F98D:8A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.139 F98D:8B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.140 F98D:8C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.141 F98D:8D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.142 F98D:8E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.143 F98D:8F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.144 F98D:90 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.145 F98D:91 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.146 F98D:92 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.147 F98D:93 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.148 F98D:94 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.149 F98D:95 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.150 F98D:96 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.151 F98D:97 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.152 F98D:98 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.153 F98D:99 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.154 F98D:9A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.155 F98D:9B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.156 F98D:9C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.157 F98D:9D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.158 F98D:9E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.159 F98D:9F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.160 F98D:A0 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.161 F98D:A1 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.162 F98D:A2 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.163 F98D:A3 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.164 F98D:A4 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.165 F98D:A5 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.166 F98D:A6 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.167 F98D:A7 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.168 F98D:A8 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.169 F98D:A9 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.170 F98D:AA FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.171 F98D:AB FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.172 F98D:AC FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.173 F98D:AD FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.174 F98D:AE FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.175 F98D:AF FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.176 F98D:B0 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.177 F98D:B1 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.178 F98D:B2 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.179 F98D:B3 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.180 F98D:B4 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.181 F98D:B5 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.182 F98D:B6 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.183 F98D:B7 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.184 F98D:B8 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.185 F98D:B9 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.186 F98D:BA FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.187 F98D:BB FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.188 F98D:BC FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.189 F98D:BD FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.190 F98D:BE FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.191 F98D:BF FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.192 F98D:C0 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.193 F98D:C1 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.194 F98D:C2 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.195 F98D:C3 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.196 F98D:C4 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.197 F98D:C5 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.198 F98D:C6 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.199 F98D:C7 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.200 F98D:C8 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.201 F98D:C9 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.202 F98D:CA FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.203 F98D:CB FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.204 F98D:CC FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.205 F98D:CD FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.206 F98D:CE FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.207 F98D:CF FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.208 F98D:D0 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.209 F98D:D1 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.210 F98D:D2 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.211 F98D:D3 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.212 F98D:D4 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.213 F98D:D5 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.214 F98D:D6 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.215 F98D:D7 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.216 F98D:D8 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.217 F98D:D9 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.218 F98D:DA FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.219 F98D:DB FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.220 F98D:DC FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.221 F98D:DD FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.222 F98D:DE FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.223 F98D:DF FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.224 F98D:E0 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.225 F98D:E1 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.226 F98D:E2 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.227 F98D:E3 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.228 F98D:E4 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.229 F98D:E5 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.230 F98D:E6 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.231 F98D:E7 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.232 F98D:E8 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.233 F98D:E9 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.234 F98D:EA FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.235 F98D:EB FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.236 F98D:EC FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.237 F98D:ED FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.238 F98D:EE FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.239 F98D:EF FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.240 F98D:F0 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.241 F98D:F1 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.242 F98D:F2 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.243 F98D:F3 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.244 F98D:F4 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.245 F98D:F5 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.246 F98D:F6 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.247 F98D:F7 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.248 F98D:F8 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.249 F98D:F9 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.250 F98D:FA FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.251 F98D:FB FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.252 F98D:FC FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.253 F98D:FD FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.254 F98D:FE FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.237.255 F98D:FF FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238 F98E:x FB 511-512 Outputs

Description	Value
Index	0xF98E (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.1 F98E:01 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.2 F98E:02 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.3 F98E:03 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.4 F98E:04 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.5 F98E:05 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.6 F98E:06 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.7 F98E:07 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.8 F98E:08 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.9 F98E:09 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.10 F98E:0A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.11 F98E:0B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.12 F98E:0C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.13 F98E:0D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.14 F98E:0E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.15 F98E:0F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.16 F98E:10 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.17 F98E:11 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.18 F98E:12 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.19 F98E:13 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.20 F98E:14 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.21 F98E:15 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.22 F98E:16 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.23 F98E:17 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.24 F98E:18 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.25 F98E:19 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.26 F98E:1A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.27 F98E:1B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.28 F98E:1C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.29 F98E:1D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.30 F98E:1E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.31 F98E:1F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.32 F98E:20 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.33 F98E:21 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.34 F98E:22 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.35 F98E:23 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.36 F98E:24 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.37 F98E:25 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.38 F98E:26 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.39 F98E:27 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.40 F98E:28 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.41 F98E:29 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.42 F98E:2A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.43 F98E:2B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.44 F98E:2C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.45 F98E:2D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.46 F98E:2E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.47 F98E:2F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.48 F98E:30 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.49 F98E:31 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.50 F98E:32 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.51 F98E:33 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.52 F98E:34 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.53 F98E:35 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.54 F98E:36 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.55 F98E:37 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.56 F98E:38 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.57 F98E:39 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.58 F98E:3A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.59 F98E:3B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.60 F98E:3C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.61 F98E:3D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.62 F98E:3E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.63 F98E:3F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.64 F98E:40 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.65 F98E:41 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.66 F98E:42 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.67 F98E:43 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.68 F98E:44 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.69 F98E:45 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.70 F98E:46 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.71 F98E:47 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.72 F98E:48 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.73 F98E:49 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.74 F98E:4A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.75 F98E:4B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.76 F98E:4C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.77 F98E:4D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.78 F98E:4E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.79 F98E:4F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.80 F98E:50 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.81 F98E:51 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.82 F98E:52 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.83 F98E:53 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.84 F98E:54 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.85 F98E:55 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.86 F98E:56 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.87 F98E:57 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.88 F98E:58 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.89 F98E:59 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.90 F98E:5A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.91 F98E:5B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.92 F98E:5C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.93 F98E:5D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.94 F98E:5E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.95 F98E:5F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.96 F98E:60 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.97 F98E:61 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.98 F98E:62 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.99 F98E:63 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.100 F98E:64 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.101 F98E:65 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.102 F98E:66 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.103 F98E:67 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.104 F98E:68 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.105 F98E:69 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.106 F98E:6A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.107 F98E:6B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.108 F98E:6C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.109 F98E:6D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.110 F98E:6E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.111 F98E:6F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.112 F98E:70 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.113 F98E:71 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.114 F98E:72 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.115 F98E:73 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.116 F98E:74 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.117 F98E:75 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.118 F98E:76 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.119 F98E:77 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.120 F98E:78 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.121 F98E:79 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.122 F98E:7A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.123 F98E:7B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.124 F98E:7C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.125 F98E:7D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.126 F98E:7E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.127 F98E:7F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.128 F98E:80 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.129 F98E:81 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.130 F98E:82 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.131 F98E:83 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.132 F98E:84 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.133 F98E:85 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.134 F98E:86 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.135 F98E:87 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.136 F98E:88 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.137 F98E:89 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.138 F98E:8A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.139 F98E:8B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.140 F98E:8C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.141 F98E:8D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.142 F98E:8E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.143 F98E:8F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.144 F98E:90 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.145 F98E:91 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.146 F98E:92 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.147 F98E:93 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.148 F98E:94 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.149 F98E:95 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.150 F98E:96 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.151 F98E:97 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.152 F98E:98 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.153 F98E:99 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.154 F98E:9A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.155 F98E:9B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.156 F98E:9C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.157 F98E:9D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.158 F98E:9E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.159 F98E:9F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.160 F98E:A0 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.161 F98E:A1 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.162 F98E:A2 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.163 F98E:A3 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.164 F98E:A4 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.165 F98E:A5 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.166 F98E:A6 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.167 F98E:A7 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.168 F98E:A8 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.169 F98E:A9 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.170 F98E:AA FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.171 F98E:AB FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.172 F98E:AC FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.173 F98E:AD FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.174 F98E:AE FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.175 F98E:AF FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.176 F98E:B0 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.177 F98E:B1 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.178 F98E:B2 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.179 F98E:B3 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.180 F98E:B4 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.181 F98E:B5 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.182 F98E:B6 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.183 F98E:B7 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.184 F98E:B8 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.185 F98E:B9 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.186 F98E:BA FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.187 F98E:BB FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.188 F98E:BC FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.189 F98E:BD FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.190 F98E:BE FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.191 F98E:BF FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.192 F98E:C0 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.193 F98E:C1 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.194 F98E:C2 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.195 F98E:C3 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.196 F98E:C4 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.197 F98E:C5 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.198 F98E:C6 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.199 F98E:C7 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.200 F98E:C8 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.201 F98E:C9 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.202 F98E:CA FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.203 F98E:CB FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.204 F98E:CC FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.205 F98E:CD FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.206 F98E:CE FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.207 F98E:CF FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.208 F98E:D0 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.209 F98E:D1 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.210 F98E:D2 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.211 F98E:D3 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.212 F98E:D4 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.213 F98E:D5 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.214 F98E:D6 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.215 F98E:D7 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.216 F98E:D8 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.217 F98E:D9 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.218 F98E:DA FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.219 F98E:DB FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.220 F98E:DC FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.221 F98E:DD FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.222 F98E:DE FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.223 F98E:DF FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.224 F98E:E0 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.225 F98E:E1 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.226 F98E:E2 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.227 F98E:E3 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.228 F98E:E4 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.229 F98E:E5 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.230 F98E:E6 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.231 F98E:E7 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.232 F98E:E8 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.233 F98E:E9 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.234 F98E:EA FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.235 F98E:EB FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.236 F98E:EC FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.237 F98E:ED FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.238 F98E:EE FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.239 F98E:EF FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.240 F98E:F0 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.241 F98E:F1 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.242 F98E:F2 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.243 F98E:F3 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.244 F98E:F4 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.245 F98E:F5 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.246 F98E:F6 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.247 F98E:F7 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.248 F98E:F8 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.249 F98E:F9 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.250 F98E:FA FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.251 F98E:FB FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.252 F98E:FC FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.253 F98E:FD FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.254 F98E:FE FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.238.255 F98E:FF FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.239 F990 FB Analog Inputs

Description	Value
Index	0xF990 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.240 F991 FB Analog Outputs

Description	Value
Index	0xF991 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241 F9A8:x Local Process Image Area Sizes

Description	Value
Index	0xF9A8 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	32 (0x20)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.1 F9A8:01 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.2 F9A8:02 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.3 F9A8:03 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.4 F9A8:04 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.5 F9A8:05 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.6 F9A8:06 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.7 F9A8:07 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.8 F9A8:08 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.9 F9A8:09 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.10 F9A8:0A Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.11 F9A8:0B Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.12 F9A8:0C Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.13 F9A8:0D Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.14 F9A8:0E Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.15 F9A8:0F Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.16 F9A8:10 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.17 F9A8:11 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.18 F9A8:12 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.19 F9A8:13 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.20 F9A8:14 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.21 F9A8:15 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.22 F9A8:16 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.23 F9A8:17 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.24 F9A8:18 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.25 F9A8:19 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.26 F9A8:1A Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.27 F9A8:1B Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.28 F9A8:1C Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.29 F9A8:1D Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.30 F9A8:1E Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.31 F9A8:1F Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.241.32 F9A8:20 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242 F9A9:x Local Process Image Area Addresses

Description	Value
Index	0xF9A9 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	32 (0x20)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.1 F9A9:01 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.2 F9A9:02 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.3 F9A9:03 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.4 F9A9:04 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.5 F9A9:05 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.6 F9A9:06 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.7 F9A9:07 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.8 F9A9:08 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.9 F9A9:09 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.10 F9A9:0A Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.11 F9A9:0B Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.12 F9A9:0C Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.13 F9A9:0D Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.14 F9A9:0E Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.15 F9A9:0F Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.16 F9A9:10 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.17 F9A9:11 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.18 F9A9:12 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.19 F9A9:13 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.20 F9A9:14 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.21 F9A9:15 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.22 F9A9:16 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.23 F9A9:17 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.24 F9A9:18 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.25 F9A9:19 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.26 F9A9:1A Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.27 F9A9:1B Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.28 F9A9:1C Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.29 F9A9:1D Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.30 F9A9:1E Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.31 F9A9:1F Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.242.32 F9A9:20 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.243 F9C0:x Safety Device Info

Description	Value
Index	0xF9C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.243.1 F9C0:01 Device name

Description	Value
Index	0xF9C0 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.243.2 F9C0:02 Software version

Description	Value
Index	0xF9C0 (Device)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.243.3 F9C0:03 Bootloader version

Description	Value
Index	0xF9C0 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.243.4 F9C0:04 Software checksum

Description	Value
Index	0xF9C0 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.243.5 F9C0:05 Bootmanager checksum

Description	Value
Index	0xF9C0 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.243.6 F9C0:06 Bootloader checksum

Description	Value
Index	0xF9C0 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.243.7 F9C0:07 TwinSAFE Logic Version

Description	Value
Index	0xF9C0 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.244 F9FF:x Local Safe User Parameter

Description	Value
Index	0xF9FF (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.244.1 F9FF:01 LengthOfAppParameter

Description	Value
Index	0xF9FF (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	214 (0x00D6)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.244.2 F9FF:02 SafetyIdent

Description	Value
Index	0xF9FF (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	8900 (0x22C4)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.244.3 F9FF:03 SafetyVersion

Description	Value
Index	0xF9FF (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	32768 (0x8000)

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.245 FE30:x FS Restore Mode

Description	Value
Index	0xFE30 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.245.1 FE30:01 Store Code

Description	Value
Index	0xFE30 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.245.2 FE30:02 Project CRC

Description	Value
Index	0xFE30 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246 FEA0:x CTRL Diag Data

Description	Value
Index	0xFEA0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	29 (0x1D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.1 FEA0:01 CTRLC1 Module State

Description	Value
Index	0xFEA0 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.2 FEA0:02 CTRLC2 Module State

Description	Value
Index	0xFEA0 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.3 FEA0:03 CTRLC1 Global Fault Code

Description	Value
Index	0xFEA0 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.4 FEA0:04 CTRLC1 Global Fault Additional Code

Description	Value
Index	0xFEA0 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.5 FEA0:05 CTRLC2 Global Fault Code

Description	Value
Index	0xFEA0 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.6 FEA0:06 CTRLC2 Global Fault Additional Code

Description	Value
Index	0xFEA0 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.7 FEA0:07 Main Loop Task Exceeded Counter In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.8 FEA0:08 Main Loop Task Exceeded Counter In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.9 FEA0:09 Actual Safety Control Task Execution Time In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.10 FEA0:0A Min Safety Control Task Execution Time In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.11 FEA0:0B Max Safety Control Task Execution Time In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.12 FEA0:0C Actual Safety Control Task Distance Time In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.13 FEA0:0D Min Safety Control Task Distance Time In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.14 FEA0:0E Max Safety Control Task Distance Time In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.15 FEA0:0F Actual Main Loop Task Execution Time In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.16 FEA0:10 Min Main Loop Task Execution Time In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.17 FEA0:11 Max Main Loop Task Execution Time In Run

Description	Value
Index	0xFEA0 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.18 FEA0:12 Actual Monitoring Task Execution Time

Description	Value
Index	0xFEA0 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.19 FEA0:13 Min Monitoring Task Execution Time

Description	Value
Index	0xFEA0 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.20 FEA0:14 Max Monitoring Task Execution Time

Description	Value
Index	0xFEA0 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.21 FEA0:15 Actual Safety Control Task Execution Time In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x15
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.22 FEA0:16 Min Safety Control Task Execution Time In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.23 FEA0:17 Max Safety Control Task Execution Time In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x17
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.24 FEA0:18 Actual Safety Control Task Distance Time In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.25 FEA0:19 Min Safety Control Task Distance Time In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x19
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.26 FEA0:1A Max Safety Control Task Distance Time In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x1A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.27 FEA0:1B Actual Main Loop Task Execution Time In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x1B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.28 FEA0:1C Min Main Loop Task Execution Time In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x1C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

3.246.29 FEA0:1D Max Main Loop Task Execution Time In Stop

Description	Value
Index	0xFEA0 (Device)
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

4 Objects of module DeviceDebug

4.1 1600:x DeviceDebug Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1600 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

4.2 16E0:x DeviceDebug Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x16E0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

4.3 1A00:x DeviceDebug Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1A00 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

4.4 1AE0:x DeviceDebug Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1AE0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

4.5 2FE0:x TestInputs

internal use only

Description	Value
Index	0x2FE0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

4.6 2FE1:x TestOutputs

internal use only

Description	Value
Index	0x2FE1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

4.7 2FF0:x Memory000

internal use only

Description	Value
Index	0x2FF0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

4.8 2FF1:x Memory400

internal use only

Description	Value
Index	0x2FF1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

4.9 2FF2:x Memory800

internal use only

Description	Value
Index	0x2FF2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

4.10 2FF3:x MemoryC00

internal use only

Description	Value
Index	0x2FF3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

4.11 2FFE:x developer commands

internal use only

Description	Value
Index	0x2FFE (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5 Objects of module AxisMain

5.1 1600:x AxisMain Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

5.2 16E0:x AxisMain Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.3 1A00:x AxisMain Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

5.4 1AE0:x AxisMain Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.5 3000:x AxisMain parameters

This object contains parameters to manage the automatic motor brake control.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	19 (0x13)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.5.1 3000:01 Motor brake type

Activates drive internal automatic brake control.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	No_motor_brake (0)
Default	No_motor_brake (0)
Max. Value	Currentless_locked_motor_brake (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Currentless_locked_motor_brake
0 (0x00)	No_motor_brake

5.5.2 3000:02 Motor brake usage

Configures the error reaction behavior of the motor brake.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	Standard_holding_brake (0)
Default	Standard_holding_brake (0)
Max. Value	Holding_brake_Emergency_brake (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Holding_brake_Emergency_brake
0 (0x00)	Standard_holding_brake

5.5.3 3000:03 Drive on delay time

With the transition of the PDS state machine to "operation enabled" "drive on delay time" is started. The drive follows the command values after the "drive on delay time" has elapsed. The motor brake management uses this time to unlock the motor brake before motion is enabled.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	0
Default	100 (0x00000064)
Max. Value	5000 (0x00001388)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.5.4 3000:04 Drive off delay time

After "operation enabled" of the PDS state machine is removed and the axis is in the standstill window, the locking of the brake is initiated and the drive off delay time is started. The torque/force remains activated in the drive until the configured drive off delay time is elapsed. The motor brake management uses this time to lock the motor brake before the torque/force is switched off..

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	0
Default	150 (0x00000096)
Max. Value	5000 (0x00001388)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.5.5 3000:05 Motor brake current monitoring level

If the motor brake current remains below the specified threshold, an error is reported. Motor brake current monitoring level is only active if brake control is enabled.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x05
Datatype	REAL32

Description	Value
Min. Value	0.0
Default	0.05
Max. Value	2.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.5.6 3000:06 Configured drive type

This object indicates the configured drive type.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	not set
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.5.7 3000:07 Motor brake force

Force drive internal brake.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	Release_force (0)
Default	Release_force (0)
Max. Value	Force_unlock (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Force_unlock
1 (0x01)	Force_lock
0 (0x00)	Release_force

5.5.8 3000:08 Modulo data storage

Store module remainder cyclic and powersafe.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x08

Description	Value
Datatype	ENUM (UINT16)
Min. Value	Modulo_data_storage_disabled (0)
Default	Modulo_data_storage_disabled (0)
Max. Value	Modulo_data_storage_PrimaryFeedback (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Modulo_data_storage_SecondaryFeedback
1 (0x01)	Modulo_data_storage_PrimaryFeedback
0 (0x00)	Modulo_data_storage_disabled

5.5.9 3000:09 Voltage enabled bit support

Activate voltage enabled bit in the statusword (optional in ETG6010).

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

5.5.10 3000:0A Touch probe 1 edge filter time

A filter time can configured to prevent multiple latch events caused due to a bouncing input signal.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x0A
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	100000 (0x000186A0)
Unit	Âµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.5.11 3000:0B Touch probe 2 edge filter time

A filter time can configured to prevent multiple latch events caused due to a bouncing input signal.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x0B
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	100000 (0x000186A0)
Unit	Âµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.5.12 3000:0C Digital input 1 force

The input state of the digital input can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x0C
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

5.5.13 3000:0D Digital input 2 force

The input state of the digital input can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x0D
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

5.5.14 3000:0E Digital input 3 force

The input state of the digital input can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x0E
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

5.5.15 3000:0F Digital input 4 force

The input state of the digital input can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

5.5.16 3000:10 Digital output 2 force

The state of the digital output can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x10

Description	Value
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

5.5.17 3000:11 Digital output 1 force

The state of the digital output can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x11
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

5.5.18 3000:12 Touch probe 1 position source

This object defines the used position input for touch probe 1.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x12
Datatype	ENUM (INT16)
Min. Value	Position_actual_value (0)
Default	Position_actual_value (0)
Max. Value	First_additional_position_actual_value (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	First_additional_position_actual_value
0 (0x00)	Position_actual_value

5.5.19 3000:13 Touch probe 2 position source

This object defines the used position input for touch probe 2.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)
Subindex	0x13
Datatype	ENUM (INT16)
Min. Value	Position_actual_value (0)
Default	Position_actual_value (0)
Max. Value	First_additional_position_actual_value (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	First_additional_position_actual_value
0 (0x00)	Position_actual_value

5.6 3001:x AxisMain actual values

This object contains manufacturer specific actual values from the module AxisMain.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	12 (0x0C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.6.1 3001:01 Actual motor brake current

The actual motor brake current in ampere.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.6.2 3001:02 IGBT temperature

This object provides the actual power stage temperature of this channel.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.6.3 3001:03 Missing output cycle counter increments

This object provides a diagnosis info about the number of missed output cycle counter increments, if the feature is enabled.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.6.4 3001:04 Output stage safety state

This object provides a diagnosis info about the actual state of the output stage.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	ready_state
0 (0x00)	safe_state

5.6.5 3001:05 Dyninput cycle counter

Cycle counter to monitor the dynamic input process data.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.6.6 3001:06 Missing dynoutput cycle counter increments

This object provides a diagnosis info about the number of missed output cycle counter increments, if the feature is enabled.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.6.7 3001:07 Actual motor brake state

The actual motor brake state.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x07
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	Motor_brake_unlocked
0 (0x00)	Motor_brake_locked

5.6.8 3001:08 Current error reaction

The actual processed error reaction.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x08
Datatype	ENUM (UINT32)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
5 (0x05)	Reaction_Torque_Off
4 (0x04)	Reaction_ShortedCoils_or_DC
3 (0x03)	Reaction_Open_loop_ramp
2 (0x02)	Reaction_Closed_loop_ramp

Enum Value	Description
1 (0x01)	Reaction_NC_Handling
0 (0x00)	Reaction_None

5.6.9 3001:09 Actual motor brake state with delay time

The actual motor brake state including the drive on/off delay time.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	Motor_brake_unlocked
0 (0x00)	Motor_brake_locked

5.6.10 3001:0A Fast stop position

This object shall provide the latched fast stop position.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.6.11 3001:0B Fast stop state

This object shall provide the actual fast stop state.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x0B
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
12 (0x0C)	FastStopWithoutMovementStandstillReached
11 (0x0B)	FastStopDuringNegMovementStandstillReached
10 (0x0A)	FastStopDuringPosMovementStandstillReached
4 (0x04)	FastStopWithoutMovement
3 (0x03)	FastStopDuringNegativeMovement
2 (0x02)	FastStopDuringPositiveMovement
1 (0x01)	FastStopIdle
0 (0x00)	FastStopNotConfigured

5.6.12 3001:0C Actual warning types states

This object shall provide the actual warning types state as a bit field.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.7 3002:x AxisMain parameters positive limit switch

This object contains parameters to configure a positive limit switch.

Description	Value
Index	AxisMainSlot: 0x3002 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.7.1 3002:01 Configuration

This object configures the type of the limit switch.

Description	Value
Index	AxisMainSlot: 0x3002 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	No_limit_switch (0)
Default	No_limit_switch (0)
Max. Value	Normally_open (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Normally_open
1 (0x01)	Normally_closed
0 (0x00)	No_limit_switch

5.7.2 3002:02 Input number

This object configures the digital input number of the limit switch.

Description	Value
Index	AxisMainSlot: 0x3002 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Digital_input_1 (0)
Default	Digital_input_3 (2)
Max. Value	Digital_input_4 (3)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Digital_input_4
2 (0x02)	Digital_input_3
1 (0x01)	Digital_input_2
0 (0x00)	Digital_input_1

5.7.3 3002:03 Reaction

This object configures the drive reaction, if it detects a limit switch.

Description	Value
Index	AxisMainSlot: 0x3002 (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	EStop_with_error (0)
Default	EStop_with_error (0)
Max. Value	Axis_halt_with_warning (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Axis_halt_with_warning
0 (0x00)	EStop_with_error

5.8 3003:x AxisMain parameters negative limit switch

This object contains parameters to configure a negative limit switch.

Description	Value
Index	AxisMainSlot: 0x3003 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.8.1 3003:01 Configuration

This object configures the type of the limit switch.

Description	Value
Index	AxisMainSlot: 0x3003 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	No_limit_switch (0)
Default	No_limit_switch (0)
Max. Value	Normally_open (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Normally_open
1 (0x01)	Normally_closed
0 (0x00)	No_limit_switch

5.8.2 3003:02 Input number

This object configures the digital input number of the limit switch.

Description	Value
Index	AxisMainSlot: 0x3003 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Digital_input_1 (0)
Default	Digital_input_4 (3)
Max. Value	Digital_input_4 (3)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Digital_input_4
2 (0x02)	Digital_input_3
1 (0x01)	Digital_input_2
0 (0x00)	Digital_input_1

5.8.3 3003:03 Reaction

This object configures the drive reaction, if it detects a limit switch.

Description	Value
Index	AxisMainSlot: 0x3003 (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	EStop_with_error (0)
Default	EStop_with_error (0)
Max. Value	Axis_halt_with_warning (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Axis_halt_with_warning
0 (0x00)	EStop_with_error

5.9 3004:x AxisMain parameters error manager

This object contains parameters to configure the error manager.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	18 (0x12)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.9.1 3004:01 Error reaction delay time

This object shall indicate the delay time if an error reaction is performed in the PDS.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	3000.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.9.2 3004:02 Choose force reaction

This object shall indicate the forced error reaction.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	Torque_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x0002)	Closed_loop_ramp
0 (0x0000)	Torque_Off
-1 (0xFFFF)	NC_Handling

Enum Value	Description
-2 (0xFFFE)	ShortedCoils_or_DC

5.9.3 3004:03 Force reaction

This object is to perform the forced error reaction.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x03
Datatype	BOOL
Min. Value	FALSE
Default	FALSE
Max. Value	TRUE
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.9.4 3004:04 Extended fault reset

Unlock Fault reset command for errors with extended reset condition.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	Extended_fault_reset_disabled (0)
Default	Extended_fault_reset_disabled (0)
Max. Value	Extended_fault_reset_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Extended_fault_reset_enabled
0 (0x00)	Extended_fault_reset_disabled

5.9.5 3004:05 Propagate error type torque off

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

5.9.6 3004:06 Propagate error type shorted coils brake

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.9.7 3004:07 Propagate error type open loop ramp

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.9.8 3004:08 Propagate error type closed loop ramp

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

5.9.9 3004:09 Propagate error type nc handling

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.9.10 3004:0A reserve 1

reserved for future use

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.9.11 3004:0B reserve 2

reserved for future use

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.9.12 3004:0C reserve 3

reserved for future use

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.9.13 3004:0D Propagate errors

The selection of the error transmission is defined by this object.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x0D
Datatype	ENUM (UINT8)
Min. Value	
Default	PropagateErrors_No (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
9 (0x09)	PropagateErrors_ToOtherCh
8 (0x08)	PropagateErrors_ToDigOut
0 (0x00)	PropagateErrors_No

5.9.14 3004:0E React on propagated error

This object shall indicate the reaction on a propagated error.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x0E
Datatype	ENUM (INT16)
Min. Value	
Default	Torque_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x0002)	Closed_loop_ramp
0 (0x0000)	Torque_Off
-1 (0xFFFF)	NC_Handling
-2 (0xFFFE)	ShortedCoils_or_DC

5.9.15 3004:0F Receive propagated errors

The receiving channel of an error is defined with this object.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x0F
Datatype	ENUM (UINT8)
Min. Value	
Default	ReceivePropagateErrors_No (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
9 (0x09)	ReceivePropagateErrors_OnOtherCh
4 (0x04)	ReceivePropagateErrors_OnDigIn4
3 (0x03)	ReceivePropagateErrors_OnDigIn3
2 (0x02)	ReceivePropagateErrors_OnDigIn2
1 (0x01)	ReceivePropagateErrors_OnDigIn1
0 (0x00)	ReceivePropagateErrors_No

5.9.16 3004:10 Relegate extended fault reset

Relegate extended fault reset to normal reset. (Not recommended)

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x10
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

5.9.17 3004:11 Park axis

Set the axis into parked state.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x11
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

5.9.18 3004:12 Maximum torque off delay time

After "torque off" error is thrown, the maximum torque off delay time is started. After the maximum torque off delay time is elapsed, the locking of the brake is initiated and the torque/force is disabled independend of the actual motor speed.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	10.0
Max. Value	100.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.10 3005:x AxisMain scaling index

This object contains scaling informations for objects with not fixed scaling.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.10.1 3005:01 Scaling index position NC

Scaling of DS402/integer position values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_360Degree_as_2Pow20 (4628)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6662 (0x1A06)	Scale_1_Picometer
6661 (0x1A05)	Scale_10_Picometer
6660 (0x1A04)	Scale_100_Picometer
6659 (0x1A03)	Scale_1_Nanometer
6658 (0x1A02)	Scale_10_Nanometer
6657 (0x1A01)	Scale_100_Nanometer
6656 (0x1A00)	Scale_1_Micrometer
4640 (0x1220)	Scale_360Degree_as_2Pow32
4639 (0x121F)	Scale_360Degree_as_2Pow31
4638 (0x121E)	Scale_360Degree_as_2Pow30
4637 (0x121D)	Scale_360Degree_as_2Pow29
4636 (0x121C)	Scale_360Degree_as_2Pow28
4635 (0x121B)	Scale_360Degree_as_2Pow27
4634 (0x121A)	Scale_360Degree_as_2Pow26
4633 (0x1219)	Scale_360Degree_as_2Pow25
4632 (0x1218)	Scale_360Degree_as_2Pow24
4631 (0x1217)	Scale_360Degree_as_2Pow23
4630 (0x1216)	Scale_360Degree_as_2Pow22

Enum Value	Description
4629 (0x1215)	Scale_360Degree_as_2Pow21
4628 (0x1214)	Scale_360Degree_as_2Pow20
4627 (0x1213)	Scale_360Degree_as_2Pow19
4626 (0x1212)	Scale_360Degree_as_2Pow18
4625 (0x1211)	Scale_360Degree_as_2Pow17
4624 (0x1210)	Scale_360Degree_as_2Pow16

5.10.2 3005:02 Scaling index velocity NC

Scaling of DS402/integer velocity values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_0dot0001_rpm (8192)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
8448 (0x2100)	Scale_0dot1_um_per_Second
8192 (0x2000)	Scale_0dot0001_rpm

5.10.3 3005:03 Scaling index acceleration

Scaling of acceleration values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x03
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_1_Degree_per_Second_squared (12288)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
12544 (0x3100)	Scale_1_mm_per_Second_squared
12288 (0x3000)	Scale_1_Degree_per_Second_squared

5.10.4 3005:04 Scaling index jerk

Scaling of jerk values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)

Description	Value
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_100_Degree_per_Second_cubed (16384)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
16640 (0x4100)	Scale_100_mm_per_Second_cubed
16384 (0x4000)	Scale_100_Degree_per_Second_cubed

5.10.5 3005:05 Scaling index torque or force

Scaling of torque or force values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x05
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_1_Nm (20480)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
20736 (0x5100)	Scale_1_N
20480 (0x5000)	Scale_1_Nm

5.10.6 3005:06 Scaling index position NC per second

Scaling of derivative DS402/integer position values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_360Degree_as_2Pow20_per_Second (25108)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
27142 (0x6A06)	Scale_1_Picometer_per_Second

Enum Value	Description
27141 (0x6A05)	Scale_10_Picometer_per_Second
27140 (0x6A04)	Scale_100_Picometer_per_Second
27139 (0x6A03)	Scale_1_Nanometer_per_Second
27138 (0x6A02)	Scale_10_Nanometer_per_Second
27137 (0x6A01)	Scale_100_Nanometer_per_Second
27136 (0x6A00)	Scale_1_Micrometer_per_Second
25120 (0x6220)	Scale_360Degree_as_2Pow32_per_Second
25119 (0x621F)	Scale_360Degree_as_2Pow31_per_Second
25118 (0x621E)	Scale_360Degree_as_2Pow30_per_Second
25117 (0x621D)	Scale_360Degree_as_2Pow29_per_Second
25116 (0x621C)	Scale_360Degree_as_2Pow28_per_Second
25115 (0x621B)	Scale_360Degree_as_2Pow27_per_Second
25114 (0x621A)	Scale_360Degree_as_2Pow26_per_Second
25113 (0x6219)	Scale_360Degree_as_2Pow25_per_Second
25112 (0x6218)	Scale_360Degree_as_2Pow24_per_Second
25111 (0x6217)	Scale_360Degree_as_2Pow23_per_Second
25110 (0x6216)	Scale_360Degree_as_2Pow22_per_Second
25109 (0x6215)	Scale_360Degree_as_2Pow21_per_Second
25108 (0x6214)	Scale_360Degree_as_2Pow20_per_Second
25107 (0x6213)	Scale_360Degree_as_2Pow19_per_Second
25106 (0x6212)	Scale_360Degree_as_2Pow18_per_Second
25105 (0x6211)	Scale_360Degree_as_2Pow17_per_Second
25104 (0x6210)	Scale_360Degree_as_2Pow16_per_Second

5.10.7 3005:07 Scaling index velocity NC per second

Scaling of derivative DS402/integer velocity values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x07
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_0dot0001_rpm_per_Second (28672)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
28928 (0x7100)	Scale_0dot1_um_per_Second_squared
28672 (0x7000)	Scale_0dot0001_rpm_per_Second

5.10.8 3005:08 Scaling index velocity native

Scaling of floating point velocity values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x08

Description	Value
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_rpm (32768)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
33024 (0x8100)	Scale_m_per_Second
32768 (0x8000)	Scale_rpm

5.10.9 3005:09 Scaling index velocity proportional gain

Scaling of velocity proportional gain.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x09
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_Nm_per_rad_per_Second (36864)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
37120 (0x9100)	Scale_N_per_rad_per_Second
36864 (0x9000)	Scale_Nm_per_rad_per_Second

5.10.10 3005:0A Scaling index spring rate

Scaling of a spring rate.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x0A
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_Nm_per_rad (40960)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
41216 (0xA100)	Scale_N_per_m
40960 (0xA000)	Scale_Nm_per_rad

5.10.11 3005:0B Scaling index inertia

Scaling of (moment of) inertia.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)
Subindex	0x0B
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_kg_m2 (45056)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
45312 (0xB100)	Scale_kg
45056 (0xB000)	Scale_kg_m2

5.11 3006:x AxisMain command

Execute Commands on AxisMain

Description	Value
Index	AxisMainSlot: 0x3006 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.12 3007:x AxisMain parameters position offset

This object contains parameters to manage the position offset configuration.

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.12.1 3007:01 Offset position actual value

This object provides the offset which will be added on the position actual value.

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.12.2 3007:02 Offset position actual value source

This object configures the memory source of the "Offset position actual value".

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT16)
Min. Value	
Default	offset_disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	drive_memory

Enum Value	Description
1 (0x01)	encoder_memory
0 (0x00)	offset_disabled

5.12.3 3007:03 Offset additional position actual value

This object provides the offset which will be added on the additional position actual value.

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.12.4 3007:04 Offset additional position actual value source

This object configures the memory source of the "Offset additional position actual value".

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)
Subindex	0x04
Datatype	ENUM (UINT16)
Min. Value	
Default	offset_disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	drive_memory
1 (0x01)	encoder_memory
0 (0x00)	offset_disabled

5.12.5 3007:05 Offset position actual value active source

This object displays the active source of the "Offset position actual value".

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)
Subindex	0x05
Datatype	ENUM (UINT16)
Min. Value	

Description	Value
Default	OffsetDisabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	ManufacturerCalibration
2 (0x02)	DriveMemory
1 (0x01)	EncoderMemory
0 (0x00)	OffsetDisabled

5.12.6 3007:06 Offset additional position actual value active source

This object displays the active source of the "Offset additional position actual value".

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)
Subindex	0x06
Datatype	ENUM (UINT16)
Min. Value	
Default	OffsetDisabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	ManufacturerCalibration
2 (0x02)	DriveMemory
1 (0x01)	EncoderMemory
0 (0x00)	OffsetDisabled

5.13 3008:x AxisMain parameters encoder direction

This object contains parameters to adjust the polarity of the connected encoders.

Description	Value
Index	AxisMainSlot: 0x3008 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.13.1 3008:01 Secondary encoder direction

This object contains parameters to adjust the polarity of the connected encoders.

Description	Value
Index	AxisMainSlot: 0x3008 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	
Default	not_inverted (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	inverted
0 (0x00)	not_inverted

5.13.2 3008:02 Primary encoder direction

This object contains parameters to adjust the polarity of the connected encoders.

Description	Value
Index	AxisMainSlot: 0x3008 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	not_inverted (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	inverted
0 (0x00)	not_inverted

5.14 3009:x AxisMain parameters hardware enable

This object configures a digital input as hardware enable.

Description	Value
Index	AxisMainSlot: 0x3009 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.14.1 3009:01 Configuration

This object configures the type of the hardware enable.

Description	Value
Index	AxisMainSlot: 0x3009 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	No_hardware_enable (0)
Default	No_hardware_enable (0)
Max. Value	High_acitve (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	High_acitve
0 (0x00)	No_hardware_enable

5.14.2 3009:02 Input number

This object configures the digital input number of the hardware enable.

Description	Value
Index	AxisMainSlot: 0x3009 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Digital_input_1 (0)
Default	Digital_input_3 (2)
Max. Value	Digital_input_4 (3)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Digital_input_4
2 (0x02)	Digital_input_3
1 (0x01)	Digital_input_2
0 (0x00)	Digital_input_1

5.14.3 3009:03 Disable reaction

This object configures the reaction on a disable command through the hardware enable.

Description	Value
Index	AxisMainSlot: 0x3009 (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	Disable_reaction_torque_off (0)
Default	Disable_reaction_closed_loop_ramp (1)
Max. Value	Disable_reaction_closed_loop_ramp (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Disable_reaction_closed_loop_ramp
0 (0x00)	Disable_reaction_torque_off

5.15 300A:x AxisMain demand values

This object contains manufacturer specific demand values from the module AxisMain.

Description	Value
Index	AxisMainSlot: 0x300A (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.15.1 300A:01 Dynoutput cycle counter

Cycle counter to monitor the dynamic output process data.

Description	Value
Index	AxisMainSlot: 0x300A (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

5.16 300C:x AxisMain advanced tuning command

This command object can be used to determine suitable parameters for the position and velocity controller depending on the mechanics.

Description	Value
Index	AxisMainSlot: 0x300C (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.16.1 300C:01 Command

This command object can be used to determine suitable parameters for the position and velocity controller depending on the mechanics.

Description	Value
Index	AxisMainSlot: 0x300C (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.16.2 300C:02 Status

This command object can be used to determine suitable parameters for the position and velocity controller depending on the mechanics.

Description	Value
Index	AxisMainSlot: 0x300C (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

5.16.3 300C:03 Response

This command object can be used to determine suitable parameters for the position and velocity controller depending on the mechanics.

Description	Value
Index	AxisMainSlot: 0x300C (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.17 300D:x AxisMain advanced tuning command parameters

This object contains parameters for the Autotuning command.

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.17.1 300D:01 Command mode

This object configures command mode

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	Base_tuning_position_and_velocity_loop (0)
Default	Base_tuning_position_and_velocity_loop (0)
Max. Value	Measurement_of_the_velocity_open_loop (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Measurement_of_the_velocity_open_loop
0 (0x00)	Base_tuning_position_and_velocity_loop

5.17.2 300D:02 Feed in point

This object configures tthe feed in point of the excitation.

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Torque (0)
Default	Torque (0)
Max. Value	Torque_and_velocity (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Torque_and_velocity

Enum Value	Description
0 (0x00)	Torque

5.17.3 300D:03 Excitation signal type

This object configures the excitation signal

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	Prbs (0)
Default	Prbs (0)
Max. Value	Chirp (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Chirp
0 (0x00)	Prbs

5.17.4 300D:04 Additive excitation amplitude

This object configures the amplitude of the excitation signal

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	Low (0)
Default	Default (1)
Max. Value	Very_High (3)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Very_High
2 (0x02)	High
1 (0x01)	Default
0 (0x00)	Low

5.17.5 300D:05 Permissible movement positive direction

This object configures the permissible movement of the axis in positive direction

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x05
Datatype	INT64

Description	Value
Min. Value	0
Default	0
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.17.6 300D:06 Permissible movement negative direction

This object configures the permissible movement of the axis in negative direction

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x06
Datatype	INT64
Min. Value	0
Default	0
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.17.7 300D:07 Base velocity amplitude

This object configures the base velocity amplitude

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.17.8 300D:08 Signal velocity amplitude

This object configures the signal velocity amplitude

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0

Description	Value
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.17.9 300D:09 Version

This object contains parameters for the Autotuning command.

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.18 300E:x AxisMain parameters fast stop

This object contains parameters to configure the fast stop.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.18.1 300E:01 Configuration

This object configures the type of the fast stop switch and if the fast stop can be triggered with an internal signal.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	Not_configured (0)
Default	Not_configured (0)
Max. Value	Internal_signal_and_limit_switch_NO (130)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
130 (0x82)	Internal_signal_and_limit_switch_NO
129 (0x81)	Internal_signal_and_limit_switch_NC
128 (0x80)	Internal_signal
2 (0x02)	Limit_switch_normally_open
1 (0x01)	Limit_switch_normally_closed
0 (0x00)	Not_configured

5.18.2 300E:02 Input number

This object configures the digital input number of the fast stop switch.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Digital_input_1 (0)
Default	Digital_input_3 (2)
Max. Value	Digital_input_4 (3)
Unit	

Description	Value
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Digital_input_4
2 (0x02)	Digital_input_3
1 (0x01)	Digital_input_2
0 (0x00)	Digital_input_1

5.18.3 300E:03 Reaction

This object configures the drive reaction, if it detects the fast stop switch.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	EStop_with_error (0)
Default	EStop_with_error (0)
Max. Value	Axis_halt_with_warning (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Axis_halt_with_warning
0 (0x00)	EStop_with_error

5.18.4 300E:04 Position latch

This object configures the source of the latched position in case of a fast stop trigger.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	PositionActualValue (0)
Default	PositionActualValue (0)
Max. Value	(2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	AdditionalPositionActualValue1
0 (0x00)	PositionActualValue

5.18.5 300E:05 Following error scale factor

This object configures the following error scaling in case of an active fast stop. A factor of 0.0 is taken as 1.0.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	100.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.19 301E:x AxisMain error counter

This object contains internal diagnosis informations.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.1 301E:01 Motor overload shut down

This object is a counter, which increments each diagnosis message of type 'Motor overload shut down'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.2 301E:02 Motor overtemperature shut down

This object is a counter, which increments each diagnosis message of type 'Motor overtemperature shut down'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.3 301E:03 Drive overtemperature shut down

This object is a counter, which increments each diagnosis message of type 'Drive overtemperature shut down'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.4 301E:04 Control voltage error

This object is a counter, which increments each diagnosis message of type 'Control voltage error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.5 301E:05 Feedback error

This object is a counter, which increments each diagnosis message of type 'Feedback error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.6 301E:06 Commutation error

This object is a counter, which increments each diagnosis message of type 'Commutation error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)

Description	Value
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.7 301E:07 Overcurrent error

This object is a counter, which increments each diagnosis message of type 'Overcurrent error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.8 301E:08 Overvoltage error

This object is a counter, which increments each diagnosis message of type 'Overvoltage error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.9 301E:09 Undervoltage error

This object is a counter, which increments each diagnosis message of type 'Undervoltage error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x09

Description	Value
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.10 301E:0A Power supply phase error

This object is a counter, which increments each diagnosis message of type 'Power supply phase error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.11 301E:0B Communication error

This object is a counter, which increments each diagnosis message of type 'Communication error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.12 301E:0C TorqueOff with emergency brake

This object is a counter, which increments each diagnosis message of type 'TorqueOff with emergency brake'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x0C
Datatype	UINT16

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.13 301E:0D Motor connection error

This object is a counter, which increments each diagnosis message of type 'Motor connection error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.14 301E:0E Safety STO error

This object is a counter, which increments each diagnosis message of type 'Safety STO error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.15 301E:0F Overspeed error

This object is a counter, which increments each diagnosis message of type 'Overspeed error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x0F
Datatype	UINT16
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.16 301E:10 Motor Brake connection error

This object is a counter, which increments each diagnosis message of type 'Motor Brake connection error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.19.17 301E:11 DC link connection overcurrent error

This object is a counter, which increments each diagnosis message of type 'DC link connection overcurrent error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.20 301F:x AxisMain info

This object contains internal diagnosis informations.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.20.1 301F:01 Operating time power stage

This object contains the operating time of the power stage (power stage enabled time).

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	s
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.20.2 301F:02 Persistent data primary feedback valid values

This object contains a bitfield with flags for the stored values.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.20.3 301F:03 Persistent data primary feedback serial number

This object contains the encoder serial number for which the data was stored.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.20.4 301F:04 Persistent data primary feedback offset

This object contains a position offset for the dedicated encoder.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.20.5 301F:05 Persistent data secondary feedback valid values

This object contains a bitfield with flags for the stored values.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.20.6 301F:06 Persistent data secondary feedback serial number

This object contains the encoder serial number for which the data was stored.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)
Subindex	0x06
Datatype	VISIBLE_STRING

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.20.7 301F:07 Persistent data secondary feedback offset

This object contains a position offset for the dedicated encoder.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.21 603E:x TxPDO Data invalid

This object shall indicate if the encoder measured values are in invalid state.

Description	Value
Index	0x603E (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.21.1 603E:01 Velocity sensor actual value invalid

This object shall indicate if the velocity encoder measured value is in invalid State.

Description	Value
Index	0x603E (Ch A)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.21.2 603E:02 Position actual value invalid

This object shall indicate if the position encoder measured value is in invalid state.

Description	Value
Index	0x603E (Ch A)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.21.3 603E:03 1st Additional position actual value invalid

This object shall indicate if the first position encoder measured value is in invalid state.

Description	Value
Index	0x603E (Ch A)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.21.4 603E:04 2nd Additional position actual value invalid

This object shall indicate if the second position encoder measured value is in invalid state.

Description	Value
Index	0x603E (Ch A)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.22 603F Error code

This object shall provide the text id of the last DiagMessage of type error, which occurred in this axis.

Description	Value
Index	0x603F (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.23 6040 Controlword

This object shall indicate the received command controlling the PDS FSA. - Bit 0: Switch on - Bit 1: Enable voltage - Bit 2: Quick stop - Bit 3: Enable operation - Bit 4: reserved - Bit 5-6: Output cycle counter (see also Object 0x60D9 and 0x60DA) - Bit 7: Fault reset - Bit 8: Halt - Bit 9-15: reserved

Description	Value
Index	0x6040 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

5.24 6041 Statusword

This object shall provide the status of the PDS FSA. - Bit 0: Ready to switch on - Bit 1: Switched on - Bit 2: Operation enabled - Bit 3: Fault - Bit 4: Voltage enabled - Bit 5: Quick stop - Bit 6: Switch on disabled - Bit 7: Warning - Bit 8: reserved - Bit 9: Remote - Bit 10: Status toggle (see also Object 0x60D9 and 0x60DA) - Bit 11: Internal limit active - Bit 12: Drive follows the command value (cyclic modes of operation) - Bit 13: Input cycle counter (see also Object 0x60D9 and 0x60DA) - Bit 14: reserved - Bit 15: reserved

Description	Value
Index	0x6041 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.25 605A Quick stop option code

This object shall indicate what action is performed when the quick stop function is executed.

Description	Value
Index	0x605A (Ch A)
Subindex	0x00
Datatype	ENUM (INT16)
Min. Value	
Default	Slow_down_on_quick_stop_ramp_and_transit_into_switch_on_disabled (2)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x0006)	Slow_down_on_quick_stop_ramp_and_stay_in_quick_stop_active
2 (0x0002)	Slow_down_on_quick_stop_ramp_and_transit_into_switch_on_disabled
-1 (0xFFFF)	Disable_quick_stop

5.26 605E Fault reaction option code

This object shall indicate which action is performed when fault is detected in the PDS.

Description	Value
Index	0x605E (Ch A)
Subindex	0x00
Datatype	ENUM (INT16)
Min. Value	
Default	Closed_loop_ramp (2)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x0002)	Closed_loop_ramp
0 (0x0000)	Torque_Off
-1 (0xFFFF)	NC_Handling
-2 (0xFFFE)	ShortedCoils_or_DC

5.27 6060 Modes of operation

This object shall indicate the requested operation mode.

Description	Value
Index	0x6060 (Ch A)
Subindex	0x00
Datatype	ENUM (INT8)
Min. Value	
Default	No_mode_change (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

Enum Value	Description
15 (0x0F)	Cyclic_synchronous_position_mode_with_additional_feedback_CSPAF
11 (0x0B)	Cyclic_synchronous_torque_mode_with_commutation_angle_CSTCA
10 (0x0A)	Cyclic_synchronous_torque_mode_CST
9 (0x09)	Cyclic_synchronous_velocity_mode_CSV
8 (0x08)	Cyclic_synchronous_position_mode_CSP
0 (0x00)	No_mode_change
-1 (0xFF)	Cyclic_synchronous_position_mode_with_additional_feedback_CSPAF_preliminary
-9 (0xF7)	Cyclic_synchronous_velocity_mode_remote_CSVr
-10 (0xF6)	Cyclic_synchronous_torque_mode_remote_CSTr

5.28 6061 Modes of operation display

This object shall provide the actual operation mode.

Description	Value
Index	0x6061 (Ch A)
Subindex	0x00
Datatype	ENUM (INT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
15 (0x0F)	Cyclic_synchronous_position_mode_with_additional_feed-back_CSPAF
11 (0x0B)	Cyclic_synchronous_torque_mode_with_commutation_an-gle_CSTCA
10 (0x0A)	Cyclic_synchronous_torque_mode_CST
9 (0x09)	Cyclic_synchronous_velocity_mode_CSV
8 (0x08)	Cyclic_synchronous_position_mode_CSP
0 (0x00)	No_mode_change
-1 (0xFF)	Cyclic_synchronous_position_mode_with_additional_feed-back_CSPAF_preliminary
-9 (0xF7)	Cyclic_synchronous_velocity_mode_remote_CSVr
-10 (0xF6)	Cyclic_synchronous_torque_mode_remote_CSTr

5.29 6064 Position actual value

This object shall provide the actual value of the position measurement device.

Description	Value
Index	0x6064 (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.30 606C Velocity actual value

This object shall provide the actual velocity value derived either from the velocity sensor or the position sensor.

Description	Value
Index	0x606C (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.31 607B:x Position range limit

This object shall indicate the configured maximal and minimal position range limits. It shall limit the numerical range of the input value.

Description	Value
Index	0x607B (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.31.1 607B:01 Min position range limit

The minimum position range limit.

Description	Value
Index	0x607B (Ch A)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	-2147483648 (0x80000000)
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.31.2 607B:02 Max position range limit

The maximum position range limit.

Description	Value
Index	0x607B (Ch A)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	2147483647 (0x7FFFFFFF)
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.32 608F:x Position encoder resolution

This object shall indicate the configured encoder increments and number of motor revolutions.

Description	Value
Index	0x608F (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.32.1 608F:01 Encoder increments

Position encoder resolution numerator.

Description	Value
Index	0x608F (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	262144 (0x00040000)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.32.2 608F:02 Motor revolutions

Position encoder resolution denominator.

Description	Value
Index	0x608F (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.33 6091:x Gear ratio

This object shall indicate the configured number of motor shaft revolutions and number of driving shaft revolutions.

Description	Value
Index	0x6091 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.33.1 6091:01 Motor shaft revolutions

Gear ratio numerator.

Description	Value
Index	0x6091 (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.33.2 6091:02 Driving shaft revolutions

Gear ratio denominator.

Description	Value
Index	0x6091 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.34 6092:x Feed constant

This object shall indicate the configured feed constant, this is the measurement distance per one revolution of the driving shaft of the gearbox.

Description	Value
Index	0x6092 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.34.1 6092:01 Feed

Feed constant numerator.

Description	Value
Index	0x6092 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	eFeedConstant_2Pow20 (1048576)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00000000)	eFeedConstant_2Pow32
2147483648 (0x80000000)	eFeedConstant_2Pow31
1073741824 (0x40000000)	eFeedConstant_2Pow30
536870912 (0x20000000)	eFeedConstant_2Pow29
268435456 (0x10000000)	eFeedConstant_2Pow28
134217728 (0x08000000)	eFeedConstant_2Pow27
67108864 (0x04000000)	eFeedConstant_2Pow26
33554432 (0x02000000)	eFeedConstant_2Pow25
16777216 (0x01000000)	eFeedConstant_2Pow24
8388608 (0x00800000)	eFeedConstant_2Pow23
4194304 (0x00400000)	eFeedConstant_2Pow22
2097152 (0x00200000)	eFeedConstant_2Pow21
1048576 (0x00100000)	eFeedConstant_2Pow20
524288 (0x00080000)	eFeedConstant_2Pow19
262144 (0x00040000)	eFeedConstant_2Pow18
131072 (0x00020000)	eFeedConstant_2Pow17
65536 (0x00010000)	eFeedConstant_2Pow16

Enum Value	Description
1000000 (0x000F4240)	eFeedConstant_10Pow6
100000 (0x000186A0)	eFeedConstant_10Pow5
10000 (0x00002710)	eFeedConstant_10Pow4
1000 (0x000003E8)	eFeedConstant_10Pow3
100 (0x00000064)	eFeedConstant_10Pow2
10 (0x0000000A)	eFeedConstant_10Pow1
1 (0x00000001)	eFeedConstant_10Pow0

5.34.2 6092:02 Shaft revolutions

Feed constant denominator.

Description	Value
Index	0x6092 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.35 6096:x Velocity factor

The velocity factor can be used to match the velocity units to the user defined velocity units.

Description	Value
Index	0x6096 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.35.1 6096:01 Numerator

Velocity factor numerator.

Description	Value
Index	0x6096 (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	600000 (0x000927C0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.35.2 6096:02 Divisor

Velocity factor denominator.

Description	Value
Index	0x6096 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	1048576 (0x00100000)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.36 6097:x Acceleration factor

The acceleration factor can be used to match the acceleration units to the user defined acceleration units.

Description	Value
Index	0x6097 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.36.1 6097:01 Numerator

Acceleration factor numerator.

Description	Value
Index	0x6097 (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	360 (0x00000168)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.36.2 6097:02 Divisor

Acceleration factor denominator.

Description	Value
Index	0x6097 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	600000 (0x000927C0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.37 60A2:x Jerk factor

The jerk factor can be used to match the jerk units to the user defined jerk units.

Description	Value
Index	0x60A2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.37.1 60A2:01 Numerator

Jerk factor numerator.

Description	Value
Index	0x60A2 (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.37.2 60A2:02 Divisor

Jerk factor denominator.

Description	Value
Index	0x60A2 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	100 (0x00000064)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.38 60B8 Touch probe control

This object shall indicate the configured function of the touch probe.
We recommend to configure touch probe source via object 0x60D0.

Description	Value
Index	0x60B8 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	14392 (0x3838)
Max. Value	65535 (0xFFFF)
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

5.39 60B9 Touch probe status

This object shall provide the status of the touch probe.

Description	Value
Index	0x60B9 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.40 60BA Touch probe 1 positive edge

This object shall provide the position value of the touch probe 1 at positive edge.

Description	Value
Index	0x60BA (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.41 60BB Touch probe 1 negative edge

This object shall provide the position value of the touch probe 1 at negative edge.

Description	Value
Index	0x60BB (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.42 60BC Touch probe 2 positive edge

This object shall provide the position value of the touch probe 2 at positive edge.

Description	Value
Index	0x60BC (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.43 60BD Touch probe 2 negative edge

This object shall provide the position value of the touch probe 2 at negative edge.

Description	Value
Index	0x60BD (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.44 60D0:x Touch probe source

This object shall provide the source of the touch probe functions.

Description	Value
Index	0x60D0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.44.1 60D0:01 Touch probe 1 source

This object shall provide the source of the touch probe functions.

Description	Value
Index	0x60D0 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	Touch_Probe_1_Input (1)
Default	Touch_Probe_3_Input (3)
Max. Value	Software_zero_impulse_signal_of_position_encoder (6)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x06)	Software_zero_impulse_signal_of_position_encoder
5 (0x05)	Hardware_zero_impulse_signal_of_position_encoder
4 (0x04)	Touch_Probe_4_Input
3 (0x03)	Touch_Probe_3_Input
2 (0x02)	Touch_Probe_2_Input
1 (0x01)	Touch_Probe_1_Input

5.44.2 60D0:02 Touch probe 2 source

This object shall provide the source of the touch probe functions.

Description	Value
Index	0x60D0 (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	Touch_Probe_1_Input (1)
Default	Touch_Probe_4_Input (4)
Max. Value	Software_zero_impulse_signal_of_position_encoder (6)
Unit	
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x06)	Software_zero_impulse_signal_of_position_encoder
5 (0x05)	Hardware_zero_impulse_signal_of_position_encoder
4 (0x04)	Touch_Probe_4_Input
3 (0x03)	Touch_Probe_3_Input
2 (0x02)	Touch_Probe_2_Input
1 (0x01)	Touch_Probe_1_Input

5.45 60D1 Touch probe time stamp 1 positive edge

This object shall provide the time stamp value of the touch probe 1 at positive edge.

Description	Value
Index	0x60D1 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.46 60D2 Touch probe time stamp 1 negative edge

This object shall provide the time stamp value of the touch probe 1 at negative edge.

Description	Value
Index	0x60D2 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.47 60D3 Touch probe time stamp 2 positive edge

This object shall provide the time stamp value of the touch probe 2 at positive edge.

Description	Value
Index	0x60D3 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.48 60D4 Touch probe time stamp 2 negative edge

This object shall provide the time stamp value of the touch probe 1 at negative edge.

Description	Value
Index	0x60D4 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.49 60D5 Touch probe 1 positive edge counter

This object shall provide a continuous counter that is incremented with each positive edge at touch probe 1.

Description	Value
Index	0x60D5 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.50 60D6 Touch probe 1 negative edge counter

This object shall provide a continuous counter that is incremented with each negative edge at touch probe 1.

Description	Value
Index	0x60D6 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.51 60D7 Touch probe 2 positive edge counter

This object shall provide a continuous counter that is incremented with each positive edge at touch probe 2.

Description	Value
Index	0x60D7 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.52 60D8 Touch probe 2 negative edge counter

This object shall provide a continuous counter that is incremented with each negative edge at touch probe 2.

Description	Value
Index	0x60D8 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.53 60D9 Supported functions

This object shall provide information on the supported function in the device. (see ETG6010)

Description	Value
Index	0x60D9 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	7 (0x00000007)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.54 60DA Function settings

This object shall enable/disable supported functions in the device. (see ETG6010)

Description	Value
Index	0x60DA (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.55 60E4:x Additional position actual value

This object provides the additional position actual values.

Description	Value
Index	0x60E4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.55.1 60E4:01 1st additional position actual value

This Subindex contains the Value for the first additional Encoder. (The first additional Encoder is the second encoder.)

Description	Value
Index	0x60E4 (Ch A)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.56 60E5:x Additional velocity actual value

This object provides the additional velocity actual values.

Description	Value
Index	0x60E5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.56.1 60E5:01 1st additional velocity actual value

This Subindex contains the Value for the first additional Encoder. (The first additional Encoder is the second encoder.)

Description	Value
Index	0x60E5 (Ch A)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.57 60E6:x Additional position encoder resolution encoder increments

This object provides the encoder increments for the additional position encoder resolution. This object shall be used with the corresponding sub-index of the object 60EBh (motor revolutions for the additional position encoder resolution).

Description	Value
Index	0x60E6 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.57.1 60E6:01 1st additional position encoder resolution - encoder increments

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60E6 (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	262144 (0x00040000)
Max. Value	
Unit	inc
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.58 60E8:x Additional gear ratio motor revolutions

This object provides the motor shaft revolutions for the additional gear ratio calculation. This object shall be used with the corresponding sub-index of the object 60EDh (driving shaft revolutions for the additional gear ratio calculation).

Description	Value
Index	0x60E8 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.58.1 60E8:01 1st additional gear ratio - motor revolutions

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60E8 (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.59 60E9:x Additional feed constant feed

This object provides the feed for the additional feed constant calculation. This object shall be used with the corresponding sub-index of the object 60EEh (driving shaft revolutions for the additional feed constant calculation).

Description	Value
Index	0x60E9 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.59.1 60E9:01 1st additional feed constant - feed

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60E9 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	eFeedConstant_2Pow20 (1048576)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00000000)	eFeedConstant_2Pow32
2147483648 (0x80000000)	eFeedConstant_2Pow31
1073741824 (0x40000000)	eFeedConstant_2Pow30
536870912 (0x20000000)	eFeedConstant_2Pow29
268435456 (0x10000000)	eFeedConstant_2Pow28
134217728 (0x08000000)	eFeedConstant_2Pow27
67108864 (0x04000000)	eFeedConstant_2Pow26
33554432 (0x02000000)	eFeedConstant_2Pow25
16777216 (0x01000000)	eFeedConstant_2Pow24
8388608 (0x00800000)	eFeedConstant_2Pow23
4194304 (0x00400000)	eFeedConstant_2Pow22
2097152 (0x00200000)	eFeedConstant_2Pow21
1048576 (0x00100000)	eFeedConstant_2Pow20
524288 (0x00080000)	eFeedConstant_2Pow19
262144 (0x00040000)	eFeedConstant_2Pow18
131072 (0x00020000)	eFeedConstant_2Pow17

Enum Value	Description
65536 (0x00010000)	eFeedConstant_2Pow16
1000000 (0x000F4240)	eFeedConstant_10Pow6
100000 (0x000186A0)	eFeedConstant_10Pow5
10000 (0x00002710)	eFeedConstant_10Pow4
1000 (0x000003E8)	eFeedConstant_10Pow3
100 (0x00000064)	eFeedConstant_10Pow2
10 (0x0000000A)	eFeedConstant_10Pow1
1 (0x00000001)	eFeedConstant_10Pow0

5.60 60EB:x Additional position encoder resolution motor revolutions

This object provides the motor revolutions for the additional position encoder resolution. This object shall be used with the corresponding sub-index of the object 60E6h (encoder increments for the additional position encoder resolution).

Description	Value
Index	0x60EB (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.60.1 60EB:01 1st additional position encoder resolution - motor revolutions

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60EB (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.61 60ED:x Additional gear ratio shaft revolutions

This object provides the driving shaft revolutions for the additional gear ratio calculation. This object shall be used with the corresponding sub-index of the object 60E8h (motor shaft revolutions for the additional gear ratio calculation).

Description	Value
Index	0x60ED (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.61.1 60ED:01 1st additional gear ratio - driving shaft revolutions

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60ED (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.62 60EE:x Additional feed constant driving shaft revolutions

This object provides the driving shaft revolutions for the additional feed constant calculation. This object shall be used with the corresponding sub-index of the object 60E9h (feed for the additional feed constant calculation).

Description	Value
Index	0x60EE (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

5.62.1 60EE:01 1st additional feed constant - driving shaft revolutions

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60EE (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

5.63 60FD Digital inputs

This object shall provide digital inputs. This object represents the physical input levels. - Bit 0: negative limit switch - Bit 1: positive limit switch - Bit 16: digital input 1 - Bit 17: digital input 2 - Bit 18: digital input 3 - Bit 19: digital input 4 - Bit 31: STO active

Description	Value
Index	0x60FD (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

5.64 6502 Supported drive modes

This object shall provide information on the supported drive modes.

Description	Value
Index	0x6502 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	1920 (0x00000780)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

6 Objects of module Interpolator

6.1 1600:x Interpolator Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

6.2 16E0:x Interpolator Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

6.3 1A00:x Interpolator Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

6.4 1AE0:x Interpolator Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

6.5 3061:x Interpolator actual values

This object contains manufacturer specific actual values from the module Interpolator.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

6.5.1 3061:01 Interpolated position demand value

This object contains the position demand value of the interpolator.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

6.5.2 3061:02 Interpolated velocity demand value

This object contains the velocity demand value of the interpolator.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

6.5.3 3061:03 Interpolated acceleration demand value

This object indicates the torque/force controller demand value from the interpolator.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 °/s^2) 0x3005/03 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

6.5.4 3061:04 Target velocity remote loopback

This oject displays the value of the object 'Target velocity remote' and can be used to analyze the communication delays.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

6.5.5 3061:05 Demandvalue extrapolation cycle counter

This object counts the number of cycles with an extrapolated position demand value.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

6.6 3062:x Interpolator parameters feed forward

This object contains parameters to configure the feed forward control

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

6.6.1 3062:01 Velocity feed forward gain

This object contains the gain of the velocity feed forward signal.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	1.2
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

6.6.2 3062:02 Velocity feed forward filter time constant

This object contains the filter time constant of the velocity feed forward signal.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

6.6.3 3062:03 Acceleration feed forward gain

This object contains the gain of the acceleration feed forward signal.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	2.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

6.6.4 3062:04 Acceleration feed forward filter time constant

This object contains the filter time constant of the acceleration feed forward signal.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

6.6.5 3062:05 Acceleration feed forward path

This object determines where the feed forward acceleration signal intervenes into the control loop.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)
Subindex	0x05
Datatype	ENUM (UINT16)
Min. Value	AddAfterTorqueCommandFilters (0)
Default	AddAfterTorqueCommandFilters (0)
Max. Value	AddBeforeTorqueCommandFilters (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	AddBeforeTorqueCommandFilters
0 (0x00)	AddAfterTorqueCommandFilters

6.7 3063:x Interpolator demand values

This object contains manufacturer specific demand values from the module Interpolator.

Description	Value
Index	InterpolatorSlot: 0x3063 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

6.7.1 3063:01 Target velocity remote

This object shall indicate the configured target velocity and shall be used as input for the trajectory generator. The value shall be given in user-defined velocity units.

Description	Value
Index	InterpolatorSlot: 0x3063 (Ch A)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

6.8 607A Target position

This object shall indicate the commanded position that the drive should move to in position profile mode using the current settings of motion control parameters such as velocity, acceleration, deceleration, motion profile type etc.

Description	Value
Index	0x607A (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

6.9 60B0 Position offset

This object shall provide the offset of the target position. The offset shall be given in userdefined position units.

Description	Value
Index	0x60B0 (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

6.10 60B1 Velocity offset

This object shall provide the offset for the velocity value. The offset shall be given in userdefined velocity units.

Description	Value
Index	0x60B1 (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

6.11 60C0 Interpolation sub mode select

This object shall indicate the actually chosen interpolation mode for the cyclic synchronous position mode (CSP).

Description	Value
Index	0x60C0 (Ch A)
Subindex	0x00
Datatype	ENUM (INT16)
Min. Value	
Default	Linear (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x0000)	Linear
-2 (0xFFFE)	Cubic

6.12 60FF Target velocity

This object shall indicate the configured target velocity and shall be used as input for the trajectory generator. The value shall be given in user-defined velocity units.

Description	Value
Index	0x60FF (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

7 Objects of module PositionControl

7.1 1600:x PositionControl Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

7.2 16E0:x PositionControl Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

7.3 1A00:x PositionControl Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

7.4 1AE0:x PositionControl Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

7.5 30C0:x PositionControl parameters mappable

This record contains all mappable parameters of this module.

Description	Value
Index	PositionControlSlot: 0x30C0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

7.5.1 30C0:01 Position control proportional gain

This object contains the proportional gain of the position controller.

Description	Value
Index	PositionControlSlot: 0x30C0 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	
Unit	1/s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

7.6 30C3:x PositionControl parameters

This object contains not mappable parameters of the position control module.

Description	Value
Index	PositionControlSlot: 0x30C3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

7.6.1 30C3:01 Velocity demand value filter time constant

This object contains the filter time constant of the velocity feed forward signal.

Description	Value
Index	PositionControlSlot: 0x30C3 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

7.6.2 30C3:02 Cycle Time

This object indicates the velocity controller cycle time.

Description	Value
Index	PositionControlSlot: 0x30C3 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	62500 (0x0000F424)
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

7.6.3 30C3:03 Bipolar position controller output limit value

The bipolar position controller output limit value describes the maximum allowable position controller output (actuating velocity) in both directions.

Description	Value
Index	PositionControlSlot: 0x30C3 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

7.7 6065 Following error window

This object shall indicate the configured range of tolerated position values symmetrically to the position demand value. If the position actual value is out of the following error window, a following error occurs. A following error may occur when a drive is blocked, unreachable profile velocity occurs, or at wrong closed-loop coefficients. The value shall be given in userdefined position units. If the value of the following error window is FFFF FFFFh or 0000 0000h, the following control shall be switched off.

Description	Value
Index	0x6065 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	1048576 (0x00100000)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

7.8 6066 Following error time out

This object shall indicate the configured time for a following error condition.

Description	Value
Index	0x6066 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

7.9 60F4 Following error actual value

This object shall provide the actual value of the following error. The value shall be given in user-defined position units.

Description	Value
Index	0x60F4 (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * (360/1048576)°) 0x3005/01 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8 Objects of module VelocityControl

8.1 1600:x VelocityControl Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

8.2 16E0:x VelocityControl Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.3 1A00:x VelocityControl Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

8.4 1AE0:x VelocityControl Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.5 3140:x VelocityControl parameters mappable

This record contains all mappable parameters of this module.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

8.5.1 3140:01 Velocity control proportional gain

This object contains the proportional gain of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.01
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm/rad/s) 0x3005/09 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

8.5.2 3140:02 Velocity control integral action time

This object contains the integral action time of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.01
Max. Value	5.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

8.5.3 3140:03 Bipolar velocity limit value

In this object you can configure the maximum velocity of this axis.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

8.5.4 3140:04 Reserved

This object is reserved for further development

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

8.5.5 3140:05 Weight counterbalance

In object you can configure the stationary torque/force of a vertical axis.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

8.5.6 3140:06 Reserved 2

This object is reserved for further development

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)

Description	Value
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

8.5.7 3140:07 Load inertia/mass

This object is to configure the inertia of the application or load

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 kg m^2) 0x3005/0B (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

8.5.8 3140:08 Collision torque limit

In this object you can configure the error threshold of the 'Collision torque monitoring'

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

8.6 3141:x VelocityControl actual values

This object contains manufacturer specific actual values from the module VelocityControl.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

8.6.1 3141:01 PosCtrl velocity demand value

This object contains the velocity demand value of the position controller.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.6.2 3141:02 Limited velocity demand value

This object contains the velocity demand value inside the actual velocity limit range.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.6.3 3141:03 Velocity actual value velocity observer

This object contains the velocity actual value of the configured velocity observer.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.6.4 3141:04 Velocity error

This object contains the velocity error of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.6.5 3141:05 Velocity resulting from differentiation

This object contains the velocity actual value resulting from the position differentiation.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.6.6 3141:06 Total inertia/force

This object contains the total inertia. Its summarized inertia application and j/m of motor, brake and encoder.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	kg m^2
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.6.7 3141:07 VeloCtrl statusword

This object contains the velocity control statusword. - Bit 5, VeloLimitActive: The velocity demand value is limited internally. - Bit 12, StandStill: Axis movement is inside the standstill window (Parameters Velocity threshold and Velocity threshold time) - Bit 14, TorqueLimitActive: The velocity controller output (torque demand) is limited internally.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.6.8 3141:08 Friction feed forward

This object contains the total friction compensation result.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.6.9 3141:09 Collision torque monitoring

This object contains the difference between the effective torque/ force and the feed forward torque/force and can be used to detecd a collision.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.6.10 3141:0A Actual gain scheduling factor

This object contains the actual gain scheduling factor value.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

8.7 3142:x VelocityControl parameters

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

8.7.1 3142:01 Velocity error tolerance

This parameter is to relax/raise the level of the overspeed error. The default level is value of the object "Max motor speed". The value of this parameter will be added to the default level. The value shall be given per thousand of the object "Max motor speed".

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	5000 (0x00001388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.7.2 3142:02 Quick stop jerk

This object shall indicate the configured jerk used to stop the motor with fault reaction slow down ramp. If the value is zero, the jerk is infinite.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	615208748 (0x24AB572C)
Unit	depends on value of Object (default = x * 100 °/s^3) 0x3005/04 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.7.3 3142:03 Cycle Time

This object indicates the velocity controller cycle time.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	62500 (0x0000F424)
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

8.7.4 3142:04 Velocity threshold

This object shall indicate the configured velocity threshold. The value shall be given in user defined velocity units.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	0
Default	50000 (0x0000C350)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.7.5 3142:05 Velocity threshold time

This object shall indicate the configured velocity threshold time.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.7.6 3142:06 Use gantry brake instead of closed loop ramp

This object indicates if the gantry brake is used instead of closed loop ramp.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	feature_disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

8.7.7 3142:07 Gantry brake torque limit

This object indicates the configured maximum torque/force during gantry brake. The value shall be given per thousand of standstill torque/force (0x6076)

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	0
Default	1000 (0x03E8)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.7.8 3142:08 Collision monitoring time

This object configures the initial wait time for the rotor slowdown procedure.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.7.9 3142:09 Collision monitoring reaction

This object configures the axis reaction if a collision is detected.

Objects of module VelocityControl

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	EStop_with_Error (0)
Default	EStop_with_Error (0)
Max. Value	Internal_signaling_only (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Internal_signaling_only
0 (0x00)	EStop_with_Error

8.8 3143:x VelocityControl observer

This object contains parameters to configure the velocity observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

8.8.1 3143:01 Damping

This object configures the damping coefficient of the observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.2
Default	0.707
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.8.2 3143:02 Bandwidth

This object configures the bandwidth of the observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	25.0
Default	500.0
Max. Value	2000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.8.3 3143:03 Correction factor torque to acceleration

This object configures the torque/force actual to acceleration factor. It is to feed forward the observer with the actual torque/force to estimate the acceleration.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	8.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.8.4 3143:04 Observer type

This object indicates the observer type. Choose Off for differential calculation of Velocity actual value, choose Basic to enable third order observing.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x04
Datatype	ENUM (INT16)
Min. Value	
Default	Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x06)	Enhanced_for_known_and_unknown_inertia
5 (0x05)	Advanced_for_unknown_inertia
4 (0x04)	Basic_for_unknown_inertia
3 (0x03)	Advanced_for_known_inertia
2 (0x02)	Not_recommended_for_new_setups
1 (0x01)	Basic_for_known_inertia
0 (0x00)	Off

8.9 3144:x VelocityControl parameters friction

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

8.9.1 3144:01 Static friction spring rate

This object configures the Static friction spring rate.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm/rad) 0x3005/0A (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.9.2 3144:02 Static friction torque/force

This object configures the Static friction force.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.9.3 3144:03 Dynamic friction factor

This object configures the dynamic friction force in relation with the feed forward velocity.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm/rad/s) 0x3005/09 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10 3146:x VelocityControl gain scheduling

This object contains parameters to adapt the velocity controller gain to the actual velocity.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	12 (0x0C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

8.10.1 3146:01 Gain scheduling configuration

This object enables the configured gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	GainSchedulingDisabled (0)
Default	GainSchedulingDisabled (0)
Max. Value	GainSchedulingEnabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	GainSchedulingEnabled
0 (0x00)	GainSchedulingDisabled

8.10.2 3146:02 Velocity 1

Velocity sampling point 1 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.3 3146:03 Velocity 2

Velocity sampling point 2 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.4 3146:04 Velocity 3

Velocity sampling point 3 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.5 3146:05 Velocity 4

Velocity sampling point 4 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.6 3146:06 Velocity 5

Velocity sampling point 5 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.7 3146:07 Gain factor 1

Gain factor sampling point 1 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.8 3146:08 Gain factor 2

Gain factor sampling point 2 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.9 3146:09 Gain factor 3

Gain factor sampling point 3 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x09
Datatype	REAL32

Description	Value
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.10 3146:0A Gain factor 4

Gain factor sampling point 4 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.11 3146:0B Gain factor 5

Gain factor sampling point 5 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.10.12 3146:0C Gain scheduling data is valid

This object displays if the configured gain scheduling data is valid.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

8.11 6085 Quick stop deceleration

This object shall indicate the configured deceleration used to stop the motor with fault reaction slow down ramp.

Description	Value
Index	0x6085 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	30 (0x0000001E)
Default	360000 (0x00057E40)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * 1 °/s^2) 0x3005/03 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.12 60C5 Max acceleration

This object shall indicate the configured maximum acceleration.

Description	Value
Index	0x60C5 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	4294967295 (0xFFFFFFFF)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * 1 °/s^2) 0x3005/03 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

8.13 60C6 Max deceleration

This object shall indicate the configured maximum deceleration.

Description	Value
Index	0x60C6 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	4294967295 (0xFFFFFFFF)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * 1 °/s^2) 0x3005/03 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9 Objects of module VelocityControl2

9.1 1600:x VelocityControl2 Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

9.2 16E0:x VelocityControl2 Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.3 1A00:x VelocityControl2 Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

9.4 1AE0:x VelocityControl2 Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.5 3140:x VelocityControl2 parameters mappable

This record contains all mappable parameters of this module.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

9.5.1 3140:01 Velocity control proportional gain

This object contains the proportional gain of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.01
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm/rad/s) 0x3005/09 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

9.5.2 3140:02 Velocity control integral action time

This object contains the integral action time of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.01
Max. Value	5.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

9.5.3 3140:03 Bipolar velocity limit value

In this object you can configure the maximum velocity of this axis.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

9.5.4 3140:04 Reserved

This object is reserved for further development

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

9.5.5 3140:05 Weight counterbalance

In object you can configure the stationary torque/force of a vertical axis.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

9.5.6 3140:06 Reserved 2

This object is reserved for further development

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)

Description	Value
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

9.5.7 3140:07 Load inertia/mass

This object is to configure the inertia of the application or load

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	kg m^2
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

9.6 3141:x VelocityControl2 actual values

This object contains manufacturer specific actual values from the module VelocityControl.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

9.6.1 3141:01 PosCtrl velocity demand value

This object contains the velocity demand value of the position controller.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.6.2 3141:02 Limited velocity demand value

This object contains the velocity demand value inside the actual velocity limit range.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.6.3 3141:03 Velocity actual value velocity observer

This object contains the velocity actual value of the configured velocity observer.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.6.4 3141:04 Velocity error

This object contains the velocity error of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.6.5 3141:05 Velocity resulting from differentiation

This object contains the velocity actual value resulting from the position differentiation.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.6.6 3141:06 Total inertia/force

This object contains the total inertia. Its summarized inertia application and j/m of motor, brake and encoder.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	kg m^2
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.6.7 3141:07 VeloCtrl statusword

This object contains the velocity control statusword. - Bit 5, VeloLimitActive: The velocity demand value is limited internally. - Bit 12, StandStill: Axis movement is inside the standstill window (Parameters Velocity threshold and Velocity threshold time) - Bit 14, TorqueLimitActive: The velocity controller output (torque demand) is limited internally.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.6.8 3141:08 Friction feed forward

This object contains the total friction compensation result.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.6.9 3141:09 Collision torque monitoring

This object contains the difference between the effective torque/force and the feed forward torque/force and can be used to detecd a collision.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.6.10 3141:0A Actual gain scheduling factor

This object contains the actual gain scheduling factor value.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

9.7 3142:x VelocityControl2 parameters

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

9.7.1 3142:01 Velocity error tolerance

This parameter is to relax/raise the level of the overspeed error. The default level is value of the object "Max motor speed". The value of this parameter will be added to the default level. The value shall be given per thousand of the object "Max motor speed".

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	5000 (0x00001388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.7.2 3142:02 Quick stop jerk

This object shall indicate the configured jerk used to stop the motor with fault reaction slow down ramp. If the value is zero, the jerk is infinite.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	615208748 (0x24AB572C)
Unit	depends on value of Object (default = x * 100 °/s^3) 0x3005/04 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.7.3 3142:03 Cycle Time

This object indicates the velocity controller cycle time.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	62500 (0x0000F424)
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

9.7.4 3142:04 Velocity threshold

This object shall indicate the configured velocity threshold. The value shall be given in user defined velocity units.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	0
Default	50000 (0x0000C350)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.7.5 3142:05 Velocity threshold time

This object shall indicate the configured velocity threshold time.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.7.6 3142:06 Use gantry brake instead of closed loop ramp

This object indicates if the gantry brake is used instead of closed loop ramp.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	feature_disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

9.7.7 3142:07 Gantry brake torque limit

This object indicates the configured maximum torque/force during gantry brake. The value shall be given per thousand of standstill torque/force (0x6076)

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	0
Default	1000 (0x03E8)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.8 3143:x VelocityControl2 observer

This object contains parameters to configure the velocity observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

9.8.1 3143:01 Damping

This object configures the damping coefficient of the observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.2
Default	0.707
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.8.2 3143:02 Bandwidth

This object configures the bandwidth of the observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	25.0
Default	500.0
Max. Value	2000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.8.3 3143:03 Correction factor torque to acceleration

This object configures the torque/force actual to acceleration factor. It is to feed forward the observer with the actual torque/force to estimate the acceleration.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	8.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.8.4 3143:04 Observer type

This object indicates the observer type. Choose Off for differential calculation of Velocity actual value, choose Basic to enable third order observing.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)
Subindex	0x04
Datatype	ENUM (INT16)
Min. Value	
Default	Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x06)	Enhanced_for_known_and_unknown_inertia
5 (0x05)	Advanced_for_unknown_inertia
4 (0x04)	Basic_for_unknown_inertia
3 (0x03)	Advanced_for_known_inertia
2 (0x02)	Not_recommended_for_new_setups
1 (0x01)	Basic_for_known_inertia
0 (0x00)	Off

9.9 3144:x VelocityControl2 parameters friction

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

9.9.1 3144:01 Static friction spring rate

This object configures the Static friction spring rate.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm/rad) 0x3005/0A (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.9.2 3144:02 Static friction torque/force

This object configures the Static friction force.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.9.3 3144:03 Dynamic friction factor

This object configures the dynamic friction force in relation with the feed forward velocity.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm/rad/s) 0x3005/09 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.10 3145:x VelocityControl2 parameters 2

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3145 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

9.10.1 3145:01 VeloCtrl positive torque/force limit value

This object indicates the configured maximum positive torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Positive torque/force takes effect in the case of motive operation is positive velocity or regenerative operation is negative velocity.

Description	Value
Index	VelocityControlSlot: 0x3145 (Ch A)
Subindex	0x01
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.10.2 3145:02 VeloCtrl negative torque/force limit value

This object indicates the configured maximum negative torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Negative torque/force takes effect in the case of motive operation is negative velocity or regenerative operation is positive velocity.

Description	Value
Index	VelocityControlSlot: 0x3145 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

9.11 3146:x VelocityControl2 gain scheduling

This object contains parameters to adapt the velocity controller gain to the actual velocity.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	12 (0x0C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

9.11.1 3146:01 Gain scheduling configuration

This object enables the configured gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	GainSchedulingDisabled (0)
Default	GainSchedulingDisabled (0)
Max. Value	GainSchedulingEnabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	GainSchedulingEnabled
0 (0x00)	GainSchedulingDisabled

9.11.2 3146:02 Velocity 1

Velocity sampling point 1 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.3 3146:03 Velocity 2

Velocity sampling point 2 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.4 3146:04 Velocity 3

Velocity sampling point 3 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.5 3146:05 Velocity 4

Velocity sampling point 4 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.6 3146:06 Velocity 5

Velocity sampling point 5 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.7 3146:07 Gain factor 1

Gain factor sampling point 1 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.8 3146:08 Gain factor 2

Gain factor sampling point 2 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.9 3146:09 Gain factor 3

Gain factor sampling point 3 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x09
Datatype	REAL32

Description	Value
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.10 3146:0A Gain factor 4

Gain factor sampling point 4 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.11 3146:0B Gain factor 5

Gain factor sampling point 5 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.11.12 3146:0C Gain scheduling data is valid

This object displays if the configured gain scheduling data is valid.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

9.12 6085 Quick stop deceleration

This object shall indicate the configured deceleration used to stop the motor with fault reaction slow down ramp.

Description	Value
Index	0x6085 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	30 (0x0000001E)
Default	360000 (0x00057E40)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * 1 °/s^2) 0x3005/03 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.13 60C5 Max acceleration

This object shall indicate the configured maximum acceleration.

Description	Value
Index	0x60C5 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	4294967295 (0xFFFFFFFF)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * 1 °/s^2) 0x3005/03 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.14 60C6 Max deceleration

This object shall indicate the configured maximum deceleration.

Description	Value
Index	0x60C6 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	4294967295 (0xFFFFFFFF)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = x * 1 °/s^2) 0x3005/03 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

9.15 60C8 Low velocity limit value

This object shall provide the low velocity limit value in extended torque mode.

Description	Value
Index	0x60C8 (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

9.16 60C9 High velocity limit value

This object shall provide the high velocity limit value in extended torque mode.

Description	Value
Index	0x60C9 (Ch A)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

9.17 60CA Torque limitation option code

This object shall indicate the torque limitation modes of the extended torque mode.

Description	Value
Index	0x60CA (Ch A)
Subindex	0x00
Datatype	ENUM (INT8)
Min. Value	
Default	VeloLimitHasNoEffect (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TorqueMightBeReducedToMaxTorquePosNeg
3 (0x03)	TorqueMightBeReducedToRampPosMaxTorqueNeg
2 (0x02)	TorqueMightBeReducedToRampPosNeg
1 (0x01)	TorqueMightBeReducedToZero
0 (0x00)	VeloLimitHasNoEffect

9.18 60CC Torque limitation mode status

This object shall indicate the torque limitation mode status.

Description	Value
Index	0x60CC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

10 Objects of module BiquadFilter

10.1 1A00:x [SL] BiquadFilter Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

10.2 1AE0:x [SL] BiquadFilter Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

10.3 3163:x [SL] BiquadFilter parameters

This object contains parameters to configure a filter

Description	Value
Index	BiquadFilterSlot1: 0x3163 (Ch A) BiquadFilterSlot2: 0x3183 (Ch A) BiquadFilterSlot3: 0x31A3 (Ch A) BiquadFilterSlot4: 0x31C3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

10.3.1 3163:01 Low pass frequency

This object is to configure the low pass frequency of the configured filter type.

Description	Value
Index	BiquadFilterSlot1: 0x3163 (Ch A) BiquadFilterSlot2: 0x3183 (Ch A) BiquadFilterSlot3: 0x31A3 (Ch A) BiquadFilterSlot4: 0x31C3 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	4000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

10.3.2 3163:02 Low pass damping

This object is to configure the low pass damping of the configured filter type.

Description	Value
Index	BiquadFilterSlot1: 0x3163 (Ch A) BiquadFilterSlot2: 0x3183 (Ch A) BiquadFilterSlot3: 0x31A3 (Ch A) BiquadFilterSlot4: 0x31C3 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.0
Unit	

Description	Value
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

10.3.3 3163:03 High pass frequency

This object is to configure the high pass frequency of the configured filter type.

Description	Value
Index	BiquadFilterSlot1: 0x3163 (Ch A) BiquadFilterSlot2: 0x3183 (Ch A) BiquadFilterSlot3: 0x31A3 (Ch A) BiquadFilterSlot4: 0x31C3 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	4000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

10.3.4 3163:04 High pass damping

This object is to configure the high pass damping of the configured filter type.

Description	Value
Index	BiquadFilterSlot1: 0x3163 (Ch A) BiquadFilterSlot2: 0x3183 (Ch A) BiquadFilterSlot3: 0x31A3 (Ch A) BiquadFilterSlot4: 0x31C3 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

10.3.5 3163:05 Filter type

This object is to configure the required filter type.

Description	Value
Index	BiquadFilterSlot1: 0x3163 (Ch A) BiquadFilterSlot2: 0x3183 (Ch A) BiquadFilterSlot3: 0x31A3 (Ch A) BiquadFilterSlot4: 0x31C3 (Ch A)
Subindex	0x05

Description	Value
Datatype	ENUM (INT16)
Min. Value	
Default	No_Filter (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
5 (0x05)	Notch_filter
4 (0x04)	Phase_correction_filter_2_order
3 (0x03)	Low_pass_filter_2_order
2 (0x02)	Phase_correction_filter_1_order
1 (0x01)	Low_pass_filter_1_order
0 (0x00)	No_Filter

10.4 3164 [SL] BiquadFilter input signal

This object contains the filter input signal.

Description	Value
Index	BiquadFilterSlot1: 0x3164 (Ch A) BiquadFilterSlot2: 0x3184 (Ch A) BiquadFilterSlot3: 0x31A4 (Ch A) BiquadFilterSlot4: 0x31C4 (Ch A)
Subindex	0x00
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) BiquadFilterSlot1: 0x3166/00 (Ch A) BiquadFilterSlot2: 0x3186/00 (Ch A) BiquadFilterSlot3: 0x31A6/00 (Ch A) BiquadFilterSlot4: 0x31C6/00 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

10.5 3165 [SL] BiquadFilter output signal

This object contains the filter output signal.

Description	Value
Index	BiquadFilterSlot1: 0x3165 (Ch A) BiquadFilterSlot2: 0x3185 (Ch A) BiquadFilterSlot3: 0x31A5 (Ch A) BiquadFilterSlot4: 0x31C5 (Ch A)
Subindex	0x00
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) BiquadFilterSlot1: 0x3166/00 (Ch A) BiquadFilterSlot2: 0x3186/00 (Ch A) BiquadFilterSlot3: 0x31A6/00 (Ch A) BiquadFilterSlot4: 0x31C6/00 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

10.6 3166 [SL] BiquadFilter scaling index

This object contains the scaling index of the filtered values.

Description	Value
Index	BiquadFilterSlot1: 0x3166 (Ch A) BiquadFilterSlot2: 0x3186 (Ch A) BiquadFilterSlot3: 0x31A6 (Ch A) BiquadFilterSlot4: 0x31C6 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	20480 (0x00005000)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11 Objects of module TorqueControl

11.1 1600:x TorqueControl Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

11.2 16E0:x TorqueControl Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

11.3 1A00:x TorqueControl Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

11.4 1AE0:x TorqueControl Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

11.5 3240:x TorqueControl parameters mappable

This record contains all mappable parameters of this module.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.5.1 3240:01 Torque control proportional gain q

This object contains the proportional gain of the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	
Unit	V/A
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

11.5.2 3240:02 Torque control integral action time q

This object contains the integral action time of the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0001
Default	0.001
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

11.5.3 3240:03 Torque control proportional gain d

This object contains the second proportional gain of the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V/A
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

11.5.4 3240:04 Torque control integral action time d

This object contains the second integral action time of the torque/ force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0001
Default	0.001
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

11.6 3241:x TorqueControl actual values

This object contains manufacturer specific actual values from the module torque/force control.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	13 (0x0D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.6.1 3241:01 VeloCtrl torque/force demand value

This object indicates the torque/force controller demand value from the velocity controller.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.2 3241:02 Feed forward torque/force demand value

This object indicates the torque/force controller feed forward value from the Interpolator.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.3 3241:03 Limited torque/force demand value

This object indicates the effective torque/force demand value.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.4 3241:04 Filtered torque/force demand value

This object indicates the filtered torque/force demand value.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.5 3241:05 Reserved

This object is reserved for further development

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.6 3241:06 Torque ctrl statusword

This object shall provide the status of the torque/force controller. - Bit 0: Torque enabled - Bit 1: Torque ready to enable - Bit 4: Current reduction active - Bit 5: Max positive output voltage reached - Bit 6: Max negative output voltage reached - Bit 8: Internal limit active - Bit 11: Torque off active - Bit 12: Switching frequency reduced to 4kHz - Bit 13: Phase clamping active - Bit 14: Hysteresis ctrl active - Bit 16-19: Pos limit enumeration value - Bit 20-23: Neg limit enumeration value - Bit 24: PWM sync support limit enumeration values: - 0: Application limit - 1: Limit switch - 2: Thermal device model nominal current - 3: Thermal device model peak current - 4: Thermal motor model nominal current - 5: Thermal model peak current - 6: DC link overvoltage protection

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.7 3241:07 Pos torque/force limit effective

This object indicates the effective positive torque/force limit.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.8 3241:08 Neg torque/force limit effective

This object indicates the effective negative torque/force limit.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	

Description	Value
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.9 3241:09 TorCtrl torque/force actual value

This object indicates the actual value of torque/force.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.10 3241:0A Deceleration torque/force limit actual

This object indicates the actual torque/force limit for deceleration due to regenerative power limitations.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.11 3241:0B Additional VeloCtrl torque/force demand value

This object indicates the torque/force controller demand value from the velocity controller.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	

Description	Value
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.12 3241:0C Cogging compensation torque demand value

This object indicates the cogging compensation torque/force value,

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.6.13 3241:0D Torque/force demand value without cogging comp torque/force

This object indicates the torque/force demand value without the cogging compensation torque/force.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7 3242:x TorqueControl actual values2

This object contains parameters to configure the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.7.1 3242:01 Iq TorqueProportional demand

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.2 3242:02 Id demand

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.3 3242:03 Iq TorqueProportional actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.4 3242:04 Iq actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.5 3242:05 Id actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.6 3242:06 Iu actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	

Description	Value
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.7 3242:07 Iv actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.8 3242:08 Iw actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.9 3242:09 Ialpha actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.10 3242:0A Ibeta actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.11 3242:0B Irms actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.12 3242:0C Thermal channel utilization

This object contains the actual thermal IGBT utilization.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.13 3242:0D I2 Channel

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.14 3242:0F Uq actual

internal voltage value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.15 3242:10 Ud actual

internal voltage value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x10
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.16 3242:11 Urms actual

internal voltage value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)

Description	Value
Subindex	0x11
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.17 3242:12 Electrical power

Internal active power value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.18 3242:13 Mechanical power

Internal mechanical power value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.19 3242:14 Iuvw sum

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	

Description	Value
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.20 3242:15 Commutation angle actual

This object indicates the actual electrical commutation angle for the space vector modulation.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	x * (360/65536)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.21 3242:16 Ualpha actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x16
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.22 3242:17 Ubeta actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x17
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.23 3242:18 Target torque/force remote loopback

This oject displays the value of the object 'Target torque remote' and can be used to analyze the communication delays.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.7.24 3242:19 Frequency actual value

This object contains parameters to configure the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x19
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.8 3243:x TorqueControl parameters

This object contains not mappable parameters of the TorqueControl module.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.8.1 3243:01 Configured channel rated current

This object configures the channel rated current. The range of this object depends on 'Channel rated current' (0x3243:03) and the on the configuration of the optional other channel. The summation is limited.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

11.8.2 3243:02 Configured channel peak current

This object configures the channel peak current. The range of this object depends on 'Channel peak current' (0x3243:04) and the on the configuration of the optional other channel. The summation is limited.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

11.8.3 3243:03 Channel rated current

This read only object indicates the maximal channel rated current. This value dependents on the mains voltage and the PWM frequency.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.8.4 3243:04 Channel peak current

This read only object indicates the maximal channel peak current. This value dependents on the mains voltage and the PWM frequency.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.8.5 3243:05 Configured channel peak torque/force

This read only object provides the configured channel peak torque/force. The value of this object depends on the motor and the configured peak current.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.8.6 3243:06 Max channel accepted velocity

This object contains maximum accepted velocity demand value to prevent high back EMF.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.8.7 3243:07 Iuvw max sum

This object configures the maximum accepted value in Iuvw sum.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	2.5
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

11.8.8 3243:08 Amplifier output voltage slope

This object configures the channel maximum voltage slope.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V/s
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.8.9 3243:09 Cycle Time

This object indicates the torque controller cycle time.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	62500 (0x0000F424)
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.8.10 3243:0A PWM mode

This object selects the PWM mode.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0A
Datatype	ENUM (UINT32)
Min. Value	
Default	PWM_8kHz_regular (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	PWM_4kHz_permanent
1 (0x01)	PWM_16kHz_permanent
0 (0x00)	PWM_8kHz_regular

11.8.11 3243:0B Configured channel thermal rated current

This object configures the channel thermal rated current. The value of this object depends on the 'Configured channel rated current' (0x3243:01) and the on the configuration of the optional other channel.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.8.12 3243:0C Overcurrent protection weakening factor

This object might be used to weaken the overcurrent protection.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

11.8.13 3243:0D Voltage error compensation factor

This object might be used to scale the voltage error compensation magnitude.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	200.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

11.8.14 3243:0E Minimal current controller output voltage

This object might be used to ensure a minimal current controller output voltage value.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	200.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

11.8.15 3243:0F Amplifier output voltage slope mode

This object selects the Amplifier output voltage slope mode.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0F
Datatype	ENUM (UINT32)
Min. Value	
Default	output_voltage_slope_mode_regular (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	output_voltage_slope_mode_modified
0 (0x00)	output_voltage_slope_mode_regular

11.9 3244:x TorqueControl demand values

This record contains mappable demand values of this module.

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

11.9.1 3244:01 Id demand value

This object contains the d-Current demand value of the torque/force controller. (only active in CSTCA)

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

11.9.2 3244:02 Target torque/force remote

This object shall provide the torque/force value. The offset shall be given in per thousand of motor standstill torque/force.

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

11.9.3 3244:03 Target torque/force offset remote

This object shall provide the offset for the torque/force value. The offset shall be given in per thousand of motor standstill torque/force.

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

11.10 6071 Target torque/force

This object shall indicate the configured input value for the torque/ force controller. The value shall be given per thousand of motor standstill torque/force (0x6076).

Description	Value
Index	0x6071 (Ch A)
Subindex	0x00
Datatype	INT16
Min. Value	-32768 (0x8000)
Default	0
Max. Value	32767 (0x7FFF)
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

11.11 6072 Bipolar torque/force limit value

This object indicates the configured maximum bipolar permissible torque/force in the motor. The value shall be given per thousand of standstill motor torque/force (0x6076).

Description	Value
Index	0x6072 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

11.12 6077 Torque/force actual value

This object shall indicate the configured input value for the torque/force controller. The value shall be given per thousand of motor standstill torque/force (0x6076) M_0.

Description	Value
Index	0x6077 (Ch A)
Subindex	0x00
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

11.13 6087 Torque/force slope

This object shall indicate the configured rate of change of torque/force. The value shall be given in units of per thousand of standstill torque/force per second. Value Zero will turn this function off.

Description	Value
Index	0x6087 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	0,1 %/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

11.14 60B2 Torque/force offset

This object shall provide the offset for the torque/force value. The offset shall be given in per thousand of motor standstill torque/force. In cyclic synchronous position mode and cyclic synchronous velocity mode, this object contains the input value for an external calculated torque/force feed forward. In cyclic synchronous torque mode it contains the commanded additive torque/force of the drive, which is added to the target torque/force value.

Description	Value
Index	0x60B2 (Ch A)
Subindex	0x00
Datatype	INT16
Min. Value	-32768 (0x8000)
Default	0
Max. Value	32767 (0x7FFF)
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

11.15 60E0 Positive torque/force limit value

This object indicates the configured maximum positive torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Positive torque/force takes effect in the case of motive operation is positive velocity or regenerative operation is negative velocity.

Description	Value
Index	0x60E0 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

11.16 60E1 Negative torque/force limit value

This object indicates the configured maximum negative torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Negative torque/force takes effect in the case of motive operation is negative velocity or regenerative operation is positive velocity.

Description	Value
Index	0x60E1 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

11.17 60EA Commutation angle

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	0x60EA (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	x * (360/65536)°
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

12 Objects of module TorqueControlDC

12.1 1600:x TorqueControlDC Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

12.2 16E0:x TorqueControlDC Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

12.3 1A00:x TorqueControlDC Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

12.4 1AE0:x TorqueControlDC Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

12.5 3240:x TorqueControlDC parameters mappable

This record contains all mappable parameters of this module.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.5.1 3240:01 Torque control proportional gain

This object contains the proportional gain of the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	
Unit	V/A
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

12.5.2 3240:02 Torque control integral action time

This object contains the integral action time of the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0001
Default	0.001
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

12.6 3241:x TorqueControlDC actual values

This object contains manufacturer specific actual values from the module torque/force control.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	13 (0x0D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.6.1 3241:01 VeloCtrl torque/force demand value

This object indicates the torque/force controller demand value from the velocity controller.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.2 3241:02 Feed forward torque/force demand value

This object indicates the torque/force controller feed forward value from the Interpolator.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.3 3241:03 Limited torque/force demand value

This object indicates the effective torque/force demand value.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.4 3241:04 Filtered torque/force demand value

This object indicates the filtered torque/force demand value.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.5 3241:05 Reserved

This object is reserved for further development

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.6 3241:06 Torque ctrl statusword

This object shall provide the status of the torque/force controller. - Bit 0: Torque enabled - Bit 1: Torque ready to enable - Bit 4: Current reduction active - Bit 5: Max positive output voltage reached - Bit 6: Max negative output voltage reached - Bit 8: Internal limit active - Bit 11: Torque off active - Bit 12: Switching frequency reduced to 4kHz - Bit 13: Phase clamping active - Bit 14: Hysteresis ctrl active - Bit 16-19: Pos limit enumeration value - Bit 20-23: Neg limit enumeration value - Bit 24: PWM sync support limit enumeration values: - 0: Application limit - 1: Limit switch - 2: Thermal device model nominal current - 3: Thermal device model peak current - 4: Thermal motor model nominal current - 5: Thermal model peak current - 6: DC link overvoltage protection

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.7 3241:07 Pos torque/force limit effective

This object indicates the effective positive torque/force limit.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.8 3241:08 Neg torque/force limit effective

This object indicates the effective negative torque/force limit.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	

Description	Value
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.9 3241:09 TorCtrl torque/force actual value

This object indicates the actual value of torque/force.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.10 3241:0A Deceleration torque/force limit actual

This object indicates the actual torque/force limit for deceleration due to regenerative power limitations.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.11 3241:0B Additional VeloCtrl torque/force demand value

This object indicates the torque/force controller demand value from the velocity controller.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	

Description	Value
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.12 3241:0C Cogging compensation torque demand value

This object indicates the cogging compensation torque/force value,

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.6.13 3241:0D Torque/force demand value without cogging comp torque/force

This object indicates the torque/force demand value without the cogging compensation torque/force.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.7 3242:x TorqueControlDC actual values2

This object contains parameters to configure the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.7.1 3242:01 Iq TorqueProportional demand

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.7.2 3242:03 Iq TorqueProportional actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.7.3 3242:04 Iq actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.7.4 3242:07 Iv actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.7.5 3242:08 Iw actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.7.6 3242:0C Thermal channel utilization

This object contains the actual thermal IGBT utilization.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	

Description	Value
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.7.7 3242:0D I2 Channel

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.7.8 3242:0F Uq actual

internal voltage value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.7.9 3242:18 Target torque/force remote loopback

This oject displays the value of the object 'Target torque remote' and can be used to analyze the communication delays.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.8 3243:x TorqueControlDC parameters

This object contains not mappable parameters of the TorqueControl module.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.8.1 3243:01 Configured channel rated current

This object configures the channel rated current. The range of this object depends on 'Channel rated current' (0x3243:03) and the on the configuration of the optional other channel. The summation is limited.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

12.8.2 3243:02 Configured channel peak current

This object configures the channel peak current. The range of this object depends on 'Channel peak current' (0x3243:04) and the on the configuration of the optional other channel. The summation is limited.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

12.8.3 3243:03 Channel rated current

This read only object indicates the maximal channel rated current. This value dependents on the mains voltage and the PWM frequency.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.8.4 3243:04 Channel peak current

This read only object indicates the maximal channel peak current. This value dependents on the mains voltage and the PWM frequency.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.8.5 3243:05 Configured channel peak torque/force

This read only object provides the configured channel peak torque/force. The value of this object depends on the motor and the configured peak current.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.8.6 3243:06 Max channel accepted velocity

This object contains maximum accepted velocity demand value to prevent high back EMF.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.8.7 3243:07 Iuvw max sum

This object configures the maximum accepted value in Iuvw sum.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	2.5
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

12.8.8 3243:08 Amplifier output voltage slope

This object configures the channel maximum voltage slope.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V/s
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.8.9 3243:09 Cycle Time

This object indicates the torque controller cycle time.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	62500 (0x0000F424)
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.8.10 3243:0A PWM mode

This object selects the PWM mode.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0A
Datatype	ENUM (UINT32)
Min. Value	
Default	PWM_8kHz_regular (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	PWM_4kHz_permanent
1 (0x01)	PWM_16kHz_permanent
0 (0x00)	PWM_8kHz_regular

12.8.11 3243:0B Configured channel thermal rated current

This object configures the channel thermal rated current. The value of this object depends on the 'Configured channel rated current' (0x3243:01) and the on the configuration of the optional other channel.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.8.12 3243:0C Overcurrent protection weakening factor

This object might be used to weaken the overcurrent protection.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

12.8.13 3243:0D Voltage error compensation factor

This object might be used to scale the voltage error compensation magnitude.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	200.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

12.8.14 3243:0E Minimal current controller output voltage

This object might be used to ensure a minimal current controller output voltage value.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	200.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

12.8.15 3243:0F Amplifier output voltage slope mode

This object selects the Amplifier output voltage slope mode.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)
Subindex	0x0F
Datatype	ENUM (UINT32)
Min. Value	
Default	output_voltage_slope_mode_regular (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	output_voltage_slope_mode_modified
0 (0x00)	output_voltage_slope_mode_regular

12.9 3244:x TorqueControlDC demand values

This record contains mappable demand values of this module.

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

12.9.1 3244:02 Target torque/force remote

This object shall provide the torque/force value. The offset shall be given in per thousand of motor standstill torque/force.

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

12.9.2 3244:03 Target torque/force offset remote

This object shall provide the offset for the torque/force value. The offset shall be given in per thousand of motor standstill torque/force.

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

12.10 6071 Target torque/force

This object shall indicate the configured input value for the torque/force controller. The value shall be given per thousand of motor standstill torque/force (0x6076).

Description	Value
Index	0x6071 (Ch A)
Subindex	0x00
Datatype	INT16
Min. Value	-32768 (0x8000)
Default	0
Max. Value	32767 (0x7FFF)
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

12.11 6072 Bipolar torque/force limit value

This object indicates the configured maximum bipolar permissible torque/force in the motor. The value shall be given per thousand of standstill motor torque/force (0x6076).

Description	Value
Index	0x6072 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

12.12 6077 Torque/force actual value

This object shall indicate the configured input value for the torque/force controller. The value shall be given per thousand of motor standstill torque/force (0x6076) M_0.

Description	Value
Index	0x6077 (Ch A)
Subindex	0x00
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

12.13 6087 Torque/force slope

This object shall indicate the configured rate of change of torque/force. The value shall be given in units of per thousand of standstill torque/force per second. Value Zero will turn this function off.

Description	Value
Index	0x6087 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	0,1 %/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

12.14 60B2 Torque/force offset

This object shall provide the offset for the torque/force value. The offset shall be given in per thousand of motor standstill torque/force. In cyclic synchronous position mode and cyclic synchronous velocity mode, this object contains the input value for an external calculated torque/force feed forward. In cyclic synchronous torque mode it contains the commanded additive torque/force of the drive, which is added to the target torque/force value.

Description	Value
Index	0x60B2 (Ch A)
Subindex	0x00
Datatype	INT16
Min. Value	-32768 (0x8000)
Default	0
Max. Value	32767 (0x7FFF)
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

12.15 60E0 Positive torque/force limit value

This object indicates the configured maximum positive torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Positive torque/force takes effect in the case of motive operation is positive velocity or regenerative operation is negative velocity.

Description	Value
Index	0x60E0 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

12.16 60E1 Negative torque/force limit value

This object indicates the configured maximum negative torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Negative torque/force takes effect in the case of motive operation is negative velocity or regenerative operation is positive velocity.

Description	Value
Index	0x60E1 (Ch A)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

13 Objects of module OCT Hiperface DSL Rotary

13.1 1A00:x [SL] OCT Hiperface DSL Rotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

13.2 1AE0:x [SL] OCT Hiperface DSL Rotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.3 32E0:x [SL] OCT Hiperface DSL Rotary actual values

This object contains the actual encoder values which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.3.3 32E0:03 Actual position estimator deviation

The actual possible absolute position deviation calculated while the estimator is active.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.3.4 32E0:04 Status

Status register of the HpfDsl master IP core wrapper (troubleshooting only).

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.3.5 32E0:05 rsvd

This object contains the actual encoder values which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x06

Description	Value
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.4 32E1:x [SL] OCT Hiperface DSL Rotary encoder info

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	45 (0x2D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.1 32E1:01 Interface

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.2 32E1:02 IpCore version

The version of the HpfDsl master IP core. [7..6]: Coding, [5..4]: Major release, [3..0]: Minor release

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.3 32E1:03 Encoder identification part 0

Byte 0 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.4 32E1:04 Encoder identification part 1

Byte 1 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.5 32E1:05 Encoder identification part 2

Byte 2 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.6 32E1:06 Encoder base type

The type of encoder describes the basic functionality of the motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)

Description	Value
Subindex	0x06
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
8 (0x08)	HF2DSL_No_Encoder_connected
7 (0x07)	HF2DSL_Linear_Encoder_unipolar_counting
6 (0x06)	HF2DSL_Rotary_Encoder_unipolar_counting
5 (0x05)	HF2DSL_Linear_Encoder_bipolar_counting
4 (0x04)	HF2DSL_Rotary_Encoder_bipolar_counting
3 (0x03)	Linear_Encoder_unipolar_counting
2 (0x02)	Rotary_Encoder_unipolar_counting
1 (0x01)	Linear_Encoder_bipolar_counting
0 (0x00)	Rotary_Encoder_bipolar_counting

13.4.7 32E1:07 Encoder hardware version

The DSL slave interface hardware version.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.8 32E1:08 rsvd0

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

13.4.9 32E1:09 Resolution

The resolution value defines the number of steps per rotation of the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.10 32E1:0A Range

The measurement range defines the number of coded rotations of the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.11 32E1:0B Base type code name

The type name of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0B
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.12 32E1:0C Serial number

The serial number of the encoder stored in ACSII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0C
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.13 32E1:0D Firmware revision number

The firmware and hardware version of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0D
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.14 32E1:0E Firmware date

The firmware date of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0E
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.15 32E1:0F Eeprom size

The total size in byte of non-volatile memory in the encoder available for storage of user data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.16 32E1:10 Min permitted encoder temperature

The minimum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.17 32E1:11 Max permitted encoder temperature

The maximum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.18 32E1:12 Max permitted encoder speed

The permitted maximum shaft rotation speed for rotary DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)

Description	Value
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	rpm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.19 32E1:13 Encoder internal position offset

The current position offset of the DSL motor feedback system stored by the manufacturer. The motor manufacturer usually uses this offset to adjust to commutation position.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x13
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.20 32E1:14 Estimator acceleration

The acceleration value used for position estimation in case of invalid fast positions.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	rad/s^2
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.21 32E1:15 Accepted estimator deviation

The maximum accepted position deviation of the estimator.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x15

Description	Value
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.22 32E1:16 rsvd1

Value of the 'Max sync jitter' register of the HpfDsl master IP core.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.23 32E1:17 Encoder status 0 (addr 0x40) mask

Byte 0 (addr 0x40) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.24 32E1:18 Encoder status 1 (addr 0x41) mask

Byte 1 (addr 0x41) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x18
Datatype	UINT8
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.25 32E1:19 Encoder status 2 (addr 0x42) mask

Byte 2 (addr 0x42) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.26 32E1:1A Encoder status 3 (addr 0x43) mask

Byte 3 (addr 0x43) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.27 32E1:1B Encoder status 4 (addr 0x44) mask

Byte 4 (addr 0x44) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.28 32E1:1C Encoder status 5 (addr 0x45) mask

Byte 5 (addr 0x45) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.29 32E1:1D Encoder status 6 (addr 0x46) mask

Byte 6 (addr 0x46) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.30 32E1:1E Encoder status 7 (addr 0x47) mask

Byte 7 (addr 0x47) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	

Description	Value
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.31 32E1:1F Encoder status 0 (addr 0x40) after power up

Byte 0 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.32 32E1:20 Encoder status 1 (addr 0x41) after power up

Byte 1 (addr 0x41) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.33 32E1:21 Encoder status 2 (addr 0x42) after power up

Byte 2 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.34 32E1:22 Encoder status 3 (addr 0x43) after power up

Byte 3 (addr 0x43) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.35 32E1:23 Encoder status 4 (addr 0x44) after power up

Byte 4 (addr 0x44) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.36 32E1:24 Encoder status 5 (addr 0x45) after power up

Byte 5 (addr 0x45) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

13.4.37 32E1:25 Encoder status 6 (addr 0x46) after power up

Byte 6 (addr 0x46) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.38 32E1:26 Encoder status 7 (addr 0x47) after power up

Byte 7 (addr 0x47) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.39 32E1:27 Encoder index

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

13.4.40 32E1:28 Encoder index status

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.41 32E1:29 Error log filter

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.42 32E1:2A Safe channel 2 resolution

The resolution value of the safe channel 2.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x2A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.43 32E1:2B rsvd2

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x2B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.44 32E1:2C System periods and resolution

RID SPERIOS

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x2C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.4.45 32E1:2D Code disk position range

RID AXPOSRNG

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5 32E2:x [SL] OCT Hiperface DSL Rotary encoder status

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	34 (0x22)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.1 32E2:01 Delay register

The run time delay of the system cable and the signal strength. [7..4] RSSI, Received signal strength, [3..0] Cable delay in 100ns

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.2 32E2:02 Master quality monitor

The quality monitoring value for the data connection. [7] Link, [3..0] Quality monitoring value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.3 32E2:03 Slave received signal strength

Slave Received Signal Strength Indicator. [2..0] Indication of the strength of the signal arriving at the slave.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.4 32E2:04 Edges register

The edge register contains the time control for the DSL cable bit sampling and can be used to monitor the connection quality.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.5 32E2:05 Summary register

The summary register contains the summarized DSL Slave status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.6 32E2:06 rsvd0

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.7 32E2:07 Encoder temperature

The current temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.8 32E2:08 Sensor monitor eg LED current

The current value of the product-specific sensor monitoring. In case of optical encoders the LED current is displayed.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 mA
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.9 32E2:09 Supply voltage

The measured supply voltage of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.10 32E2:0A Encoder status 0 (addr 0x40)

Byte 0 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.11 32E2:0B Encoder status 1 (addr 0x41)

Byte 1 (addr 0x41) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.12 32E2:0C Encoder status 2 (addr 0x42)

Byte 2 (addr 0x42) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)

Description	Value
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.13 32E2:0D Encoder status 3 (addr 0x43)

Byte 3 (addr 0x43) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.14 32E2:0E Encoder status 4 (addr 0x44)

Byte 4 (addr 0x44) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.15 32E2:0F Encoder status 5 (addr 0x45)

Byte 5 (addr 0x45) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0F

Description	Value
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.16 32E2:10 Encoder status 6 (addr 0x46)

Byte 6 (addr 0x46) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.17 32E2:11 Encoder status 7 (addr 0x47)

Byte 7 (addr 0x47) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.18 32E2:12 Operation time

The operating time of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x12
Datatype	UINT32
Min. Value	

Description	Value
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.19 32E2:13 Total shaft turns

The observed number of shaft rotations of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.20 32E2:14 Max occurred position deviation

The maximum possible absolute position deviation calculated while the estimator is active.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.21 32E2:15 Position deviation limit exceeded

Signals if the absolute position deviation threshold is exceeded.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	

Description	Value
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.22 32E2:16 rsvd1

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.23 32E2:17 Total VPOS errors

VPOS error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.24 32E2:18 Total ACC errors

ACC error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

13.5.25 32E2:19 Total VRT errors

VRT error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.26 32E2:1A Total POS errors

POS error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.27 32E2:1B Total LINK errors

LINK error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.28 32E2:1C Total encoding errors

8b/10b encoding error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.29 32E2:1D rsvd2

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.30 32E2:1E Resistance measurement value

Resistance of the temperature sensor connected to the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.31 32E2:1F Parameter channel access counter

Count of the parameter channel read/write requests.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.32 32E2:20 Parameter channel access error counter

Count of the failed parameter channel read/write requests.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.33 32E2:21 Remaining life time

The remaining task lifetime of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x21
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.5.34 32E2:22 Code disk position

The current value of the code disc position of bearing-less or kit encoders.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x22
Datatype	INT16

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.6 32E3:x [SL] OCT Hiperface DSL Rotary temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.6.1 32E3:01 HpfDSL encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

13.6.2 32E3:02 HpfDSL encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

13.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.7 32E4:x [SL] OCT Hiperface DSL Rotary electronic data sheet

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.7.1 32E4:01 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

13.7.2 32E4:02 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.8 32E5:x [SL] OCT Hiperface DSL Rotary position offset data

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.8.1 32E5:01 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

13.8.2 32E5:02 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.9 32E6:x [SL] OCT Hiperface DSL Rotary user data

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.9.1 32E6:01 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

13.9.2 32E6:02 User data

The user data string stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.10 32E7:x [SL] OCT Hiperface DSL Rotary commutation offset data

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.10.1 32E7:01 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

13.10.2 32E7:02 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.11 32E8:x [SL] OCT Hiperface DSL Rotary direct encoder access

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.11.1 32E8:01 Command

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.11.2 32E8:02 Status

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

13.11.3 32E8:03 Response

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.12 32EA:x [SL] OCT Hiperface DSL Rotary save user data

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.12.1 32EA:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.12.2 32EA:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

13.12.3 32EA:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.13 32EB:x [SL] OCT Hiperface DSL Rotary save commutation offset

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.13.1 32EB:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.13.2 32EB:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

13.13.3 32EB:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.14 32EC:x [SL] OCT Hiperface DSL Rotary scan connected encoder

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.14.1 32EC:01 Command

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.14.2 32EC:02 Status

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

13.14.3 32EC:03 Response

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.15 32ED:x [SL] OCT Hiperface DSL Rotary save electronic data sheet

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.15.1 32ED:01 Command

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.15.2 32ED:02 Status

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

13.15.3 32ED:03 Response

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.16 32EF:x [SL] OCT Hiperface DSL Rotary encoder parameter

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.16.1 32EF:01 Connector

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorOCT_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	ConnectorOCT_CorrespondingToDriveChannel

13.16.2 32EF:02 Resolution policy

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

13.16.3 32EF:03 Resolution

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.16.4 32EF:04 Range policy

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

13.16.5 32EF:05 Range

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	

Description	Value
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.16.6 32EF:06 Trace level

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	FbTraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
14 (0x0E)	FbTraceLevel_VerboseWithLineMonitoringEmcyMsg
13 (0x0D)	FbTraceLevel_InfoWithLineMonitoringEmcyMsg
12 (0x0C)	FbTraceLevel_WarningWithLineMonitoringEmcyMsg
11 (0x0B)	FbTraceLevel_ErrorWithLineMonitoringEmcyMsg
10 (0x0A)	FbTraceLevel_LineMonitoringEmcyMsg
4 (0x04)	FbTraceLevel_Verbose
3 (0x03)	FbTraceLevel_Info
2 (0x02)	FbTraceLevel_Warning
1 (0x01)	FbTraceLevel_Error
0 (0x00)	FbTraceLevel_Off

13.16.7 32EF:07 Settings

Bit 0: If true, the encoder voltage isn't switched off if the econder is starting with errors (e.g. if the encoder boot mode is active).

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.16.8 32EF:08 Status monitoring mask

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.16.9 32EF:09 Customized estimator acceleration

The acceleration value used for position estimation in case of invalid fast positions. If this value is set to 0.0 the internal default value is used. See 'Encoder info'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rad/s^2
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.16.10 32EF:0A Use customized accepted estimator deviation

Set to 1 if the 'Customized accepted estimator deviation' value should be used. Otherwise the internal default value is used. See 'Encoder info'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x0A
Datatype	ENUM (UINT8)
Min. Value	No_UseDefault (0)
Default	No_UseDefault (0)
Max. Value	Yes_UseParameterValue (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Yes_UseParameterValue
0 (0x00)	No_UseDefault

13.16.11 32EF:0B Customized accepted estimator deviation

The maximum accepted position deviation of the estimator. The value may be limited due to internal conditions. See 'Encoder info' for the active value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

13.17 32F0:x [SL] OCT Hiperface DSL Rotary cogging compensation data

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.17.1 32F0:01 Data state

Data state of the displayed compensation data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

13.17.2 32F0:02 Compensation data

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18 32FD:x [SL] OCT Hiperface DSL Rotary sHub info and status

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	29 (0x1D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.1 32FD:01 ExtSHub: Identify IO, Amount of IOs

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.2 32FD:02 ExtSHub: Identify IO, Input 1 specification

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.3 32FD:03 ExtSHub: Identify IO, Input 2 specification

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.4 32FD:04 ExtSHub: Device Type

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.5 32FD:05 ExtSHub: Base type code name

The type name of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.6 32FD:06 ExtSHub: Serial number

The serial number of the encoder stored in ACSII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.7 32FD:07 ExtSHub: Firmware revision number

The firmware and hardware version of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.8 32FD:08 ExtSHub: Firmware date

The firmware date of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x08
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.9 32FD:09 ExtSHub: Min permitted temperature

The minimum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

13.18.10 32FD:0A ExtSHub: Max permitted temperature

The maximum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.11 32FD:0B ExtSHub: Operation time

The operating time of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.12 32FD:0C IntSHub: Identify IO, Dictionary 1st page

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.13 32FD:0D IntSHub: Identify IO, Dictionary 2nd page

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.14 32FD:0E IntSHub: Identify IO, Sensor 0, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.15 32FD:0F IntSHub: Identify IO, Sensor 0, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.16 32FD:10 IntSHub: Identify IO, Sensor 1, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.17 32FD:11 IntSHub: Identify IO, Sensor 1, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.18 32FD:12 IntSHub: Identify IO, Sensor 2, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.19 32FD:13 IntSHub: Identify IO, Sensor 2, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x13
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.20 32FD:14 IntSHub: Identify IO, Sensor 3, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x14
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.21 32FD:15 IntSHub: Identify IO, Sensor 3, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x15
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.22 32FD:16 IntSHub: Identify IO, Sensor 4, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x16
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

13.18.23 32FD:17 IntSHub: Identify IO, Sensor 4, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x17
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.24 32FD:18 IntSHub: Identify IO, Sensor 5, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x18
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.25 32FD:19 IntSHub: Identify IO, Sensor 5, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x19
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.26 32FD:1A IntSHub: Identify IO, Sensor 6, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.27 32FD:1B IntSHub: Identify IO, Sensor 6, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x1B
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.28 32FD:1C IntSHub: Identify IO, Sensor 7, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.18.29 32FD:1D IntSHub: Identify IO, Sensor 7, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)

Description	Value
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.19 32FE:x [SL] OCT Hiperface DSL Rotary sHub actual values

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

13.19.1 32FE:01 sHubData

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.19.2 32FE:02 IntSHub: Update counter

Sensor data update counter: Bit 0..7 update counter for Sensor 0, Bit 8..16 for Sensor1 ...

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x02
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.19.3 32FE:03 IntSHub: Data Sensor 0

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.19.4 32FE:04 IntSHub: Data Sensor 1

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.19.5 32FE:05 IntSHub: Data Sensor 2

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.19.6 32FE:06 IntSHub: Data Sensor 3

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x06
Datatype	UINT64
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.19.7 32FE:07 IntSHub: Data Sensor 4

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x07
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.19.8 32FE:08 IntSHub: Data Sensor 5

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.19.9 32FE:09 IntSHub: Data Sensor 6

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x09
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

13.19.10 32FE:0A IntSHub: Data Sensor 7

This object contains the actual sHub data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x0A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14 Objects of module OCT Hiperface DSL Linear

14.1 1A00:x [SL] OCT Hiperface DSL Linear Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

14.2 1AE0:x [SL] OCT Hiperface DSL Linear Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.3 32E0:x [SL] OCT Hiperface DSL Linear actual values

This object contains the actual encoder values which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.3.3 32E0:03 Actual position estimator deviation

The actual possible absolute position deviation calculated while the estimator is active.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.3.4 32E0:04 Status

Status register of the HpfDsl master IP core wrapper (troubleshooting only).

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.3.5 32E0:05 rsvd

This object contains the actual encoder values which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x06

Description	Value
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.4 32E1:x [SL] OCT Hiperface DSL Linear encoder info

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	45 (0x2D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.1 32E1:01 Interface

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.2 32E1:02 IpCore version

The version of the HpfDsl master IP core. [7..6]: Coding, [5..4]: Major release, [3..0]: Minor release

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.3 32E1:03 Encoder identification part 0

Byte 0 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.4 32E1:04 Encoder identification part 1

Byte 1 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.5 32E1:05 Encoder identification part 2

Byte 2 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.6 32E1:06 Encoder base type

The type of encoder describes the basic functionality of the motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)

Description	Value
Subindex	0x06
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
8 (0x08)	HF2DSL_No_Encoder_connected
7 (0x07)	HF2DSL_Linear_Encoder_unipolar_counting
6 (0x06)	HF2DSL_Rotary_Encoder_unipolar_counting
5 (0x05)	HF2DSL_Linear_Encoder_bipolar_counting
4 (0x04)	HF2DSL_Rotary_Encoder_bipolar_counting
3 (0x03)	Linear_Encoder_unipolar_counting
2 (0x02)	Rotary_Encoder_unipolar_counting
1 (0x01)	Linear_Encoder_bipolar_counting
0 (0x00)	Rotary_Encoder_bipolar_counting

14.4.7 32E1:07 Encoder hardware version

The DSL slave interface hardware version.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.8 32E1:08 rsvd0

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

14.4.9 32E1:09 Resolution

The resolution value defines the length of a measurement step in multiples of 1 nm.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.10 32E1:0A Range

The measurement range defines the coded measurement range in multiples of measurement steps.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.11 32E1:0B Base type code name

The type name of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0B
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.12 32E1:0C Serial number

The serial number of the encoder stored in ACSII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0C
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.13 32E1:0D Firmware revision number

The firmware and hardware version of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0D
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.14 32E1:0E Firmware date

The firmware date of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0E
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.15 32E1:0F Eeprom size

The total size in byte of non-volatile memory in the encoder available for storage of user data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.16 32E1:10 Min permitted encoder temperature

The minimum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.17 32E1:11 Max permitted encoder temperature

The maximum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.18 32E1:12 rsvd1

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)

Description	Value
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.19 32E1:13 Encoder internal position offset

The current position offset of the DSL motor feedback system stored by the manufacturer. The motor manufacturer usually uses this offset to adjust to commutation position.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x13
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.20 32E1:14 Estimator acceleration

The acceleration value used for position estimation in case of invalid fast positions.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	m/s^2
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.21 32E1:15 Accepted estimator deviation

The maximum accepted position deviation of the estimator.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x15

Description	Value
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	m
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.22 32E1:16 rsvd2

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.23 32E1:17 Encoder status 0 (addr 0x40) mask

Byte 0 (addr 0x40) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.24 32E1:18 Encoder status 1 (addr 0x41) mask

Byte 1 (addr 0x41) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x18
Datatype	UINT8

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.25 32E1:19 Encoder status 2 (addr 0x42) mask

Byte 2 (addr 0x42) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.26 32E1:1A Encoder status 3 (addr 0x43) mask

Byte 3 (addr 0x43) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.27 32E1:1B Encoder status 4 (addr 0x44) mask

Byte 4 (addr 0x44) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1B
Datatype	UINT8
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.28 32E1:1C Encoder status 5 (addr 0x45) mask

Byte 5 (addr 0x45) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.29 32E1:1D Encoder status 6 (addr 0x46) mask

Byte 6 (addr 0x46) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.30 32E1:1E Encoder status 7 (addr 0x47) mask

Byte 7 (addr 0x47) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.31 32E1:1F Encoder status 0 (addr 0x40) after power up

Byte 0 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.32 32E1:20 Encoder status 1 (addr 0x41) after power up

Byte 1 (addr 0x41) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.33 32E1:21 Encoder status 2 (addr 0x42) after power up

Byte 2 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	

Description	Value
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.34 32E1:22 Encoder status 3 (addr 0x43) after power up

Byte 3 (addr 0x43) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.35 32E1:23 Encoder status 4 (addr 0x44) after power up

Byte 4 (addr 0x44) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.36 32E1:24 Encoder status 5 (addr 0x45) after power up

Byte 5 (addr 0x45) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.37 32E1:25 Encoder status 6 (addr 0x46) after power up

Byte 6 (addr 0x46) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.38 32E1:26 Encoder status 7 (addr 0x47) after power up

Byte 7 (addr 0x47) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.39 32E1:27 Encoder index

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

14.4.40 32E1:28 Encoder index status

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.41 32E1:29 Error log filter

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.42 32E1:2A Safe channel 2 resolution

The resolution value of the safe channel 2.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x2A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.43 32E1:2B rsvd3

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x2B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.44 32E1:2C System periods and resolution

RID SPERIOS

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x2C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.4.45 32E1:2D Code disk position range

RID AXPOSRNG

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5 32E2:x [SL] OCT Hiperface DSL Linear encoder status

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	34 (0x22)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.1 32E2:01 Delay register

The run time delay of the system cable and the signal strength. [7..4] RSSI, Received signal strength, [3..0] Cable delay in 100ns

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.2 32E2:02 Master quality monitor

The quality monitoring value for the data connection. [7] Link, [3..0] Quality monitoring value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.3 32E2:03 Slave received signal strength

Slave Received Signal Strength Indicator. [2..0] Indication of the strength of the signal arriving at the slave.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.4 32E2:04 Edges register

The edge register contains the time control for the DSL cable bit sampling and can be used to monitor the connection quality.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.5 32E2:05 Summary register

The summary register contains the summarized DSL Slave status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.6 32E2:06 rsvd0

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.7 32E2:07 Encoder temperature

The current temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.8 32E2:08 Sensor monitor eg LED current

The current value of the product-specific sensor monitoring. In case of optical encoders the LED current is displayed.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 mA
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.9 32E2:09 Supply voltage

The measured supply voltage of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.10 32E2:0A Encoder status 0 (addr 0x40)

Byte 0 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.11 32E2:0B Encoder status 1 (addr 0x41)

Byte 1 (addr 0x41) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.12 32E2:0C Encoder status 2 (addr 0x42)

Byte 2 (addr 0x42) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)

Description	Value
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.13 32E2:0D Encoder status 3 (addr 0x43)

Byte 3 (addr 0x43) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.14 32E2:0E Encoder status 4 (addr 0x44)

Byte 4 (addr 0x44) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.15 32E2:0F Encoder status 5 (addr 0x45)

Byte 5 (addr 0x45) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0F

Description	Value
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.16 32E2:10 Encoder status 6 (addr 0x46)

Byte 6 (addr 0x46) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.17 32E2:11 Encoder status 7 (addr 0x47)

Byte 7 (addr 0x47) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.18 32E2:12 Operation time

The operating time of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x12
Datatype	UINT32
Min. Value	

Description	Value
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.19 32E2:13 Total shaft turns

The observed number of shaft rotations of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.20 32E2:14 Max occurred position deviation

The maximum possible absolute position deviation calculated while the estimator is active.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	m
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.21 32E2:15 Position deviation limit exceeded

Signals if the absolute position deviation threshold is exceeded.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	

Description	Value
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.22 32E2:16 rsvd1

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.23 32E2:17 Total VPOS errors

VPOS error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.24 32E2:18 Total ACC errors

ACC error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

14.5.25 32E2:19 Total VRT errors

VRT error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.26 32E2:1A Total POS errors

POS error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.27 32E2:1B Total LINK errors

LINK error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.28 32E2:1C Total encoding errors

8b/10b encoding error counter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.29 32E2:1D rsvd2

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.30 32E2:1E Resistance measurement value

Resistance of the temperature sensor connected to the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.31 32E2:1F Parameter channel access counter

Count of the parameter channel read/write requests.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.32 32E2:20 Parameter channel access error counter

Count of the failed parameter channel read/write requests.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.33 32E2:21 Remaining life time

The remaining task lifetime of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x21
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.5.34 32E2:22 Code disk position

The current value of the code disc position of bearing-less or kit encoders.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x22
Datatype	INT16

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.6 32E3:x [SL] OCT Hiperface DSL Linear temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.6.1 32E3:01 HpfDSL encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

14.6.2 32E3:02 HpfDSL encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

14.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.7 32E4:x [SL] OCT Hiperface DSL Linear electronic data sheet

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.7.1 32E4:01 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

14.7.2 32E4:02 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.8 32E5:x [SL] OCT Hiperface DSL Linear position offset data

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.8.1 32E5:01 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

14.8.2 32E5:02 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.9 32E6:x [SL] OCT Hiperface DSL Linear user data

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.9.1 32E6:01 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

14.9.2 32E6:02 User data

The user data string stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.10 32E7:x [SL] OCT Hiperface DSL Linear commutation offset data

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.10.1 32E7:01 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

14.10.2 32E7:02 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.11 32E8:x [SL] OCT Hiperface DSL Linear direct encoder access

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.11.1 32E8:01 Command

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.11.2 32E8:02 Status

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

14.11.3 32E8:03 Response

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.12 32EA:x [SL] OCT Hiperface DSL Linear save user data

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.12.1 32EA:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.12.2 32EA:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

14.12.3 32EA:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.13 32EB:x [SL] OCT Hiperface DSL Linear save commutation offset

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.13.1 32EB:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.13.2 32EB:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

14.13.3 32EB:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.14 32EC:x [SL] OCT Hiperface DSL Linear scan connected encoder

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.14.1 32EC:01 Command

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.14.2 32EC:02 Status

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

14.14.3 32EC:03 Response

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.15 32ED:x [SL] OCT Hiperface DSL Linear save electronic data sheet

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.15.1 32ED:01 Command

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.15.2 32ED:02 Status

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

14.15.3 32ED:03 Response

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.16 32EF:x [SL] OCT Hiperface DSL Linear encoder parameter

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.16.1 32EF:01 Connector

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorOCT_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	ConnectorOCT_CorrespondingToDriveChannel

14.16.2 32EF:02 Resolution policy

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

14.16.3 32EF:03 Resolution

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.16.4 32EF:04 Range policy

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

14.16.5 32EF:05 Range

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	

Description	Value
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.16.6 32EF:06 Trace level

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	FbTraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
14 (0x0E)	FbTraceLevel_VerboseWithLineMonitoringEmcyMsg
13 (0x0D)	FbTraceLevel_InfoWithLineMonitoringEmcyMsg
12 (0x0C)	FbTraceLevel_WarningWithLineMonitoringEmcyMsg
11 (0x0B)	FbTraceLevel_ErrorWithLineMonitoringEmcyMsg
10 (0x0A)	FbTraceLevel_LineMonitoringEmcyMsg
4 (0x04)	FbTraceLevel_Verbose
3 (0x03)	FbTraceLevel_Info
2 (0x02)	FbTraceLevel_Warning
1 (0x01)	FbTraceLevel_Error
0 (0x00)	FbTraceLevel_Off

14.16.7 32EF:07 Settings

Bit 0: If true, the encoder voltage isn't switched off if the econder is starting with errors (e.g. if the encoder boot mode is active).

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.16.8 32EF:08 Status monitoring mask

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.16.9 32EF:09 Customized estimator acceleration

The acceleration value used for position estimation in case of invalid fast positions. If this value is set to 0.0 the internal default value is used. See 'Encoder info'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	m/s^2
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.16.10 32EF:0A Use customized accepted estimator deviation

Set to 1 if the 'Customized accepted estimator deviation' value should be used. Otherwise the internal default value is used. See 'Encoder info'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x0A
Datatype	ENUM (UINT8)
Min. Value	No_UseDefault (0)
Default	No_UseDefault (0)
Max. Value	Yes_UseParameterValue (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Yes_UseParameterValue
0 (0x00)	No_UseDefault

14.16.11 32EF:0B Customized accepted estimator deviation

The maximum accepted position deviation of the estimator. The value may be limited due to internal conditions. See 'Encoder info' for the active value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10.0
Unit	m
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

14.17 32F0:x [SL] OCT Hiperface DSL Linear cogging compensation data

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.17.1 32F0:01 Data state

Data state of the displayed compensation data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

14.17.2 32F0:02 Compensation data

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18 32FD:x [SL] OCT Hiperface DSL Linear sHub info and status

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	29 (0x1D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.1 32FD:01 ExtSHub: Identify IO, Amount of IOs

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.2 32FD:02 ExtSHub: Identify IO, Input 1 specification

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.3 32FD:03 ExtSHub: Identify IO, Input 2 specification

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.4 32FD:04 ExtSHub: Device Type

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.5 32FD:05 ExtSHub: Base type code name

The type name of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.6 32FD:06 ExtSHub: Serial number

The serial number of the encoder stored in ACSII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.7 32FD:07 ExtSHub: Firmware revision number

The firmware and hardware version of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.8 32FD:08 ExtSHub: Firmware date

The firmware date of the encoder stored in ASCII.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x08
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.9 32FD:09 ExtSHub: Min permitted temperature

The minimum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

14.18.10 32FD:0A ExtSHub: Max permitted temperature

The maximum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.11 32FD:0B ExtSHub: Operation time

The operating time of the DSL motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.12 32FD:0C IntSHub: Identify IO, Dictionary 1st page

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.13 32FD:0D IntSHub: Identify IO, Dictionary 2nd page

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.14 32FD:0E IntSHub: Identify IO, Sensor 0, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.15 32FD:0F IntSHub: Identify IO, Sensor 0, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.16 32FD:10 IntSHub: Identify IO, Sensor 1, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.17 32FD:11 IntSHub: Identify IO, Sensor 1, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.18 32FD:12 IntSHub: Identify IO, Sensor 2, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.19 32FD:13 IntSHub: Identify IO, Sensor 2, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x13
Datatype	UINT64
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.20 32FD:14 IntSHub: Identify IO, Sensor 3, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x14
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.21 32FD:15 IntSHub: Identify IO, Sensor 3, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x15
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.22 32FD:16 IntSHub: Identify IO, Sensor 4, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x16
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

14.18.23 32FD:17 IntSHub: Identify IO, Sensor 4, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x17
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.24 32FD:18 IntSHub: Identify IO, Sensor 5, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x18
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.25 32FD:19 IntSHub: Identify IO, Sensor 5, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x19
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.26 32FD:1A IntSHub: Identify IO, Sensor 6, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.27 32FD:1B IntSHub: Identify IO, Sensor 6, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x1B
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.28 32FD:1C IntSHub: Identify IO, Sensor 7, Overview

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.18.29 32FD:1D IntSHub: Identify IO, Sensor 7, Details

This object contains a collection of information from the sHub.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FD (Ch A)

Description	Value
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.19 32FE:x [SL] OCT Hiperface DSL Linear sHub actual values

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

14.19.1 32FE:01 sHubData

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.19.2 32FE:02 IntSHub: Update counter

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x02
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.19.3 32FE:03 IntSHub: Data Sensor 0

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.19.4 32FE:04 IntSHub: Data Sensor 1

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.19.5 32FE:05 IntSHub: Data Sensor 2

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.19.6 32FE:06 IntSHub: Data Sensor 3

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x06
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.19.7 32FE:07 IntSHub: Data Sensor 4

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x07
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.19.8 32FE:08 IntSHub: Data Sensor 5

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.19.9 32FE:09 IntSHub: Data Sensor 6

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x09
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

14.19.10 32FE:0A IntSHub: Data Sensor 7

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FE (Ch A)
Subindex	0x0A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15 Objects of module EnDat 2.2 Rotary

15.1 1A00:x [SL] EnDat 2.2 Rotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

15.2 1AE0:x [SL] EnDat 2.2 Rotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

15.3 32E0:x [SL] EnDat 2.2 Rotary actual values

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.3 32E0:03 rsvd1

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.4 32E0:04 Status

Status register of the EnDat2.2 motor feedback system. - Bit 0: PositionReady - Bit 1: PositionTimeout - Bit 2: EnDat22Status_Error1 - Bit 3: EnDat22Status_Crc - Bit 4: EnDat22Status_ErrorHandlerType1active - Bit 5: EnDat22Status_ErrorHandlerType2active - Bit 6: EnDat22Status_MrsAdrError - Bit 7: EnDat22Status_NotError2 - Bit 8: EnDat22Status_CrcErrorZ1 - Bit 9: EnDat22Status_CrcErrorZ2 - Bit 10: EnDat22Status_ReferenceLatched - Bit 11: EnDat22Status_Warning - Bit 12: EnDat22Status_ErrorHandlerType3active - Bit 13: reserved - Bit 14: reserved - Bit 15: reserved

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.5 32E0:05 rsvd2

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.8 32E0:08 Valuation data raw

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.9 32E0:09 Valuation addr 1

Evaluation of the incremental or scanning track. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.10 32E0:0A Valuation addr 2

Free for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.11 32E0:0B Valuation addr 3

Evaluation of the absolute track / (reference-pulse width). Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.12 32E0:0C Valuation addr 4

Evaluation of the position-value formation / (reference-pulse position). Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.13 32E0:0D Valuation addr 5

Reserved for touch probes. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.14 32E0:0E Valuation addr 6

Reserved for touch probes. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0E
Datatype	UINT8

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.15 32E0:0F Valuation addr 7

Reserved for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.16 32E0:10 Valuation addr 8

Reserved for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.17 32E0:11 Mounting parameter 8

E.g. mounting clearance in 10^-6 m (-32767 10^-6 m to +32767 10^-6 m)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x11

Description	Value
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.18 32E0:12 Mounting parameter 9

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.19 32E0:13 Mounting parameter 10

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.3.20 32E0:14 Mounting parameter 11

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x14
Datatype	INT16

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.4 32E1:x [SL] EnDat 2.2 Rotary encoder info

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	124 (0x7C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.1 32E1:01 Interface

Version and feature info of the EnDat2.2 master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.2 32E1:02 IpCore Ident

Internal identification of the EnDat2.2 master IP core.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.3 32E1:03 Mask 0 [2.1: Word 4]

EnDat encoder manufacturer parameter 'Mask 0' (EnDat 2.1: Word 4)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.4 32E1:04 Mask 1 [2.1: Word 5]

EnDat encoder manufacturer parameter 'Mask 1' (EnDat 2.1: Word 5)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.5 32E1:05 Mask 2 [2.1: Word 6]

EnDat encoder manufacturer parameter 'Mask 2' (EnDat 2.1: Word 6)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.6 32E1:06 Mask 3 [2.1: Word 7]

EnDat encoder manufacturer parameter 'Mask 3' (EnDat 2.1: Word 7)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.7 32E1:07 Version of the EnDat interface [2.1: Word 8]

EnDat encoder manufacturer parameter 'Version' (EnDat 2.1: Word 8)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.8 32E1:08 Memory allocation for parameters of the OEM [2.1: Word 9,10]

EnDat encoder manufacturer parameter 'Memory allocation for EnDat 2.1' (EnDat 2.1: Word 9, 10)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.9 32E1:09 Memory allocation for compensation values [2.1: Word 11,12]

EnDat encoder manufacturer parameter 'Memory allocation for EnDat 2.1' (EnDat 2.1: Word 11)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.10 32E1:0A Number of clocks for position value [2.1: Word 13]

EnDat encoder manufacturer parameter 'Number of clock pulses for transfer of position value' (EnDat 2.1: Word 13)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.11 32E1:0B Encoder type [2.1: Word 14]

EnDat encoder manufacturer parameter 'Encoder model' (EnDat 2.1: Word 14)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.12 32E1:0C Signal periods per revolution [2.1: Word 15,16]

EnDat encoder manufacturer parameter 'Signal periods per revolution' (Words 15, 16)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.13 32E1:0D Number of distinguishable revolutions [2.1: Word 17]

EnDat encoder manufacturer parameter 'Distinguishable revolutions' (EnDat 2.1: Word 17)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.14 32E1:0E Increment of reference marks [2.1: Word 18]

EnDat encoder manufacturer parameter 'Increment of reference marks' (EnDat 2.1: Word 18)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.15 32E1:0F Position of the first reference mark [2.1: Word 19]

EnDat encoder manufacturer parameter 'Position of the first reference mark' (EnDat 2.1: Word 19)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.16 32E1:10 Measuring steps per revolution [2.1: Word 20,21]

EnDat encoder manufacturer parameter 'Measuring steps per revolution with serial data transfer' (Words 20, 21)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.17 32E1:11 Datum shift [2.1: Word 22,23]

EnDat encoder manufacturer parameter 'Datum shift from the encoder manufacturer' (Words 22, 23)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.18 32E1:12 ID number 0 [2.1: Word 24]

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 24)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.19 32E1:13 ID number 1 [2.1: Word 25]

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 25)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.20 32E1:14 ID number 2 [2.1: Word 26]

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 26)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.21 32E1:15 Serial number 0 [2.1: Word 27]

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 27)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.22 32E1:16 Serial number 1 [2.1: Word 28]

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 28)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.23 32E1:17 Serial number 2 [2.1: Word 29]

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 29)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.24 32E1:18 Direction of rotation [2.1: Word 30]

EnDat encoder manufacturer parameter 'Direction of rotation' (EnDat 2.1: Word 30)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.25 32E1:19 Status of commissioning diagnostics [2.1: Word 31]

EnDat encoder manufacturer parameter 'Status of commissioning diagnostics' (EnDat 2.1: Word 31)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.26 32E1:1A Maximum mechanically permissible shaft speed [2.1: Word 32]

EnDat encoder manufacturer parameter 'Maximum mechanically permissible linear velocity' (EnDat 2.1: Word 32)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	1/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.27 32E1:1B Accuracy depending on shaft speed area I [2.1: Word 33]

EnDat encoder manufacturer parameter 'Accuracy depending on shaft speed, area 1' (EnDat 2.1: Word 33)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.28 32E1:1C Accuracy depending on shaft speed area II [2.1: Word 34]

EnDat encoder manufacturer parameter 'Accuracy depending on shaft speed, area 2' (EnDat 2.1: Word 34)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.29 32E1:1D Support of error messages 1 [2.1: Word 35]

EnDat encoder manufacturer parameter 'Support of error messages 1' (EnDat 2.1: Word 35)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.30 32E1:1E Support of warnings [2.1: Word 36]

EnDat encoder manufacturer parameter 'Support of warnings' (EnDat 2.1: Word 36)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.31 32E1:1F EnDat command set [2.1: Word 37]

EnDat encoder manufacturer parameter 'EnDat command set' (EnDat 2.1: Word 37)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.32 32E1:20 EnDat parameter word 38 linear only [2.1: Word 38]

EnDat encoder manufacturer parameter 'Measuring length' (EnDat 2.1: Word 38)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.33 32E1:21 Max calc time for position value [2.1: Word 39]

EnDat encoder manufacturer parameter 'Max. calculation time for position value' (EnDat 2.1: Word 39)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.34 32E1:22 EnDat ordering designation [2.1: Word 40]

EnDat encoder manufacturer parameter 'EnDat ordering designation' (EnDat 2.1: Word 40)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.35 32E1:23 OEM specific data 0 [2.1: Word 41]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 41)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.36 32E1:24 OEM specific data 1 [2.1: Word 42]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 42)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.37 32E1:25 OEM specific data 2 [2.1: Word 43]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 43)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.38 32E1:26 OEM specific data 3 [2.1: Word 44]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 44)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.39 32E1:27 OEM specific data 4 [2.1: Word 45]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 45)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.40 32E1:28 OEM specific data 5 [2.1: Word 46]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 46)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.41 32E1:29 Checksum [2.1: Word 47]

EnDat encoder manufacturer parameter 'Checksum' (EnDat 2.1: Word 47)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.42 32E1:2A Status of additional datum 1 [2.2: Word 0]

EnDat 2.2 encoder manufacturer parameter 'Status of additional datum 1' (EnDat2.2: Word 0)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.43 32E1:2B Status of additional datum 2 [2.2: Word 1]

EnDat 2.2 encoder manufacturer parameter 'Status of additional datum 2' (EnDat2.2: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.44 32E1:2C Status of additional functions [2.2: Word 2]

EnDat 2.2 encoder manufacturer parameter 'Status of additional functions' (EnDat2.2: Word 2)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.45 32E1:2D Acceleration [2.2: Word 3]

EnDat 2.2 encoder manufacturer parameter 'Acceleration' (EnDat2.2: Word 3)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	1/s^2
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.46 32E1:2E Scaling function for temperature [2.2: Word 4]

EnDat 2.2 encoder manufacturer parameter 'Scaling function for temperature' (EnDat2.2: Word 4)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.47 32E1:2F Diagnostic status [2.2: Word 5]

EnDat 2.2 encoder manufacturer parameter 'Diagnostic status' (EnDat2.2: Word 5)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.48 32E1:30 Support of error message 2 [2.2: Word 6]

EnDat 2.2 encoder manufacturer parameter 'Support of error message 2' (EnDat2.2: Word 6)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.49 32E1:31 Forced sampling status [2.2: Word 7,8]

EnDat 2.2 encoder manufacturer parameter 'Forced sampling status' (Words 7, 8)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x31
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.50 32E1:32 Measuring steps per rev for position value 2 [2.2: Word 9,10]

EnDat 2.2 encoder manufacturer parameter 'Measuring step for position value 2' (Words 9, 10)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x32
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.51 32E1:33 Accuracy of position value 2 area I [2.2: Word 11,12]

EnDat 2.2 encoder manufacturer parameter 'Accuracy of position value 2 depending on linear velocity, area 1' (Words 11, 12)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x33
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.52 32E1:34 Accuracy of position value 2 area II [2.2: Word 13,14]

EnDat 2.2 encoder manufacturer parameter 'Accuracy of position value 2 depending on linear velocity, area 2' (Words 13, 14)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x34
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.53 32E1:35 Number of distinguishable revolutions for position value 2 [2.2: Word 15]

EnDat 2.2 encoder manufacturer parameter 'Number of distinguishable revolutions for position value 2' (EnDat2.2: Word 15)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.54 32E1:36 Direction of rotation of position value 2 [2.2: Word 16]

EnDat 2.2 encoder manufacturer parameter 'Direction of rotation or traverse of position value 2' (EnDat2.2: Word 16)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.55 32E1:37 Encoder identification 0 [2.2: Word 17]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 17)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.56 32E1:38 Encoder identification 1 [2.2: Word 18]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 18)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.57 32E1:39 Encoder identification 2 [2.2: Word 19]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 19)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.58 32E1:3A Encoder identification 3 [2.2: Word 20]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 20)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.59 32E1:3B Support of instructions [2.2: Word 21]

EnDat 2.2 encoder manufacturer parameter 'Support of instructions' (EnDat2.2: Word 21)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.60 32E1:3C Max permissible encoder temperature [2.2: Word 22]

EnDat 2.2 encoder manufacturer parameter 'Max. permissible encoder temperature at measuring' (EnDat2.2: Word 22)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.61 32E1:3D Max permissible acceleration [2.2: Word 23]

EnDat 2.2 encoder manufacturer parameter 'Max. permissible acceleration' (EnDat2.2: Word 23)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	1/s^2
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.62 32E1:3E Number of blocks for memory area section 2 [2.2: Word 24]

EnDat 2.2 encoder manufacturer parameter 'Number of blocks for memory area,' (EnDat2.2: Word 24)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.63 32E1:3F Max clock frequency [2.2: Word 25]

EnDat 2.2 encoder manufacturer parameter 'Maximum clock frequency' (EnDat2.2: Word 25)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.64 32E1:40 Number of bits for position comparison [2.2: Word 26]

EnDat 2.2 encoder manufacturer parameter 'Number of bits for position comparison' (EnDat2.2: Word 26)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.65 32E1:41 Scaling factor for resolution [2.2: Word 27]

EnDat 2.2 encoder manufacturer parameter 'Scaling factor for resolution' (EnDat2.2: Word 27)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.66 32E1:42 Measuring steps per revolution EnDat22 [2.2: Word 28,29]

EnDat 2.2 encoder manufacturer parameter 'Measuring step' (Words 28, 29)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x42
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.67 32E1:43 Max rpm for constant code value [2.2: Word 30]

EnDat 2.2 encoder manufacturer parameter 'Max. speed for constant code value' (EnDat2.2: Word 30)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	1/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.68 32E1:44 Offset between pos value and pos value 2 0 [2.2: Word 31]

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 31)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.69 32E1:45 Offset between pos value and pos value 2 1 [2.2: Word 32]

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 32)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.70 32E1:46 Offset between pos value and pos value 2 2 [2.2: Word 33]

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 33)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.71 32E1:47 Number of distinguishable revolutions with scaling factor [2.2: Word 34]

EnDat 2.2 encoder manufacturer parameter '"Number of distinguishable revolutions" with scaling factor' (EnDat2.2: Word 34)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.72 32E1:48 Support of operating status error sources [2.2: Word 35]

EnDat 2.2 encoder manufacturer parameter 'Support of operating status error sources' (EnDat2.2: Word 35)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.73 32E1:49 Safety relevant measuring steps 0 [2.2: Word 36]

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 36)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.74 32E1:4A Safety relevant measuring steps 1 [2.2: Word 37]

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 37)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.75 32E1:4B Safety relevant measuring steps 2 [2.2: Word 38]

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 38)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.76 32E1:4C Non safety relevant subdivision of the relative position 0 [2.2: Word 39]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the relative position' (EnDat2.2: Word 39)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.77 32E1:4D Non safety relevant subdivision of the relative position 1 [2.2: Word 40]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the relative position' (EnDat2.2: Word 40)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

15.4.78 32E1:4E Non safety relevant subdivision of the absolute position 0 [2.2: Word 41]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the absolute position' (EnDat2.2: Word 41)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.79 32E1:4F Non safety relevant subdivision of the absolute position 1 [2.2: Word 42]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the absolute position' (EnDat2.2: Word 42)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.80 32E1:50 Generation of a warning message through limit position signals [2.2: Word 43]

EnDat 2.2 encoder manufacturer parameter 'Generation of a warning message through limit position signals' (EnDat2.2: Word 43)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.81 32E1:51 Support of touch probe statuses [2.2: Word 44]

EnDat 2.2 encoder manufacturer parameter 'Support of touch probe statuses' (EnDat2.2: Word 44)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.82 32E1:52 Timestamp unit of measure [2.2: Word 45]

EnDat 2.2 encoder manufacturer parameter 'Timestamp unit of measure' (EnDat2.2: Word 45)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.83 32E1:53 Referencing of incremental encoders [2.2: Word 46]

EnDat 2.2 encoder manufacturer parameter 'Referencing of incremental encoders' (EnDat2.2: Word 46)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x53
Datatype	UINT16
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.84 32E1:54 Support of IOs [2.2: Word 47]

EnDat 2.2 encoder manufacturer parameter 'Support of I/Os' (EnDat2.2: Word 47)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.85 32E1:55 Assigned [2.2: Word 48]

EnDat 2.2 encoder manufacturer parameter 'Assigned' (EnDat2.2: Word 48)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.86 32E1:56 EnDat2.2 rsvd 0 [2.2: Word 49]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 49)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x56
Datatype	UINT16
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.87 32E1:57 EnDat2.2 rsvd 1 [2.2: Word 50]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 50)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.88 32E1:58 EnDat2.2 rsvd 2 [2.2: Word 51]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 51)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.89 32E1:59 EnDat2.2 rsvd 3 [2.2: Word 52]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 52)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.90 32E1:5A EnDat2.2 rsvd 4 [2.2: Word 53]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 53)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.91 32E1:5B EnDat2.2 rsvd 5 [2.2: Word 54]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 54)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.92 32E1:5C EnDat2.2 rsvd 6 [2.2: Word 55]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 55)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	

Description	Value
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.93 32E1:5D EnDat2.2 rsvd 7 [2.2: Word 56]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 56)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.94 32E1:5E EnDat2.2 rsvd 8 [2.2: Word 57]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 57)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.95 32E1:5F EnDat2.2 rsvd 9 [2.2: Word 58]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 58)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.96 32E1:60 EnDat2.2 rsvd 10 [2.2: Word 59]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 59)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.97 32E1:61 EnDat2.2 rsvd 11 [2.2: Word 60]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 60)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.98 32E1:62 EnDat2.2 rsvd 12 [2.2: Word 61]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 61)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

15.4.99 32E1:63 EnDat2.2 rsvd 13 [2.2: Word 62]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 62)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.100 32E1:64 Checksum EnDat2.2 [2.2: Word 63]

EnDat 2.2 encoder manufacturer parameter 'Checksum' (EnDat2.2: Word 63)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.101 32E1:65 Operating status word 0 (errors) after power up

Operating status 'Error messages' (OpStatus: Word 0)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

15.4.102 32E1:66 Operating status word 1 (warnings) after power up

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.103 32E1:67 Operating status word 2 (Write-Protected Status) after power up

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.104 32E1:68 Operating status word 3 (Function init) after power up

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.105 32E1:69 Operating status error sources after power up (EnDat 2.2)

'Operating status error sources' after power up (EnDat 2.2 additional data)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.106 32E1:6A rsvd

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.107 32E1:6B Datum shift 0 [Operating Parameter: Word 0]

Operating parameters 'Datum shift 0' (OpPara: Word 0)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.108 32E1:6C Datum shift 1 [Operating Parameter: Word 1]

Operating parameters 'Datum shift 1' (OpPara: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.109 32E1:6D Datum shift 2 [Operating Parameter: Word 2]

Operating parameters 'Datum shift 2' (OpPara: Word 2)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.110 32E1:6E Diagnostics configuration [Operating Parameter: Word 3]

Operating parameters 'Diagnostics configuration' (OpPara: Word 3)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.111 32E1:6F Address assignment [Operating Parameter: Word 4]

Operating parameters 'Address assignment' (OpPara: Word 4)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.112 32E1:70 Instruction [Operating Parameter: Word 5]

Operating parameters 'Instruction' (OpPara: Word 5)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.113 32E1:71 Temperature warning threshold [Operating Parameter: Word 6]

Operating parameters 'Trigger threshold of the warning bit for excessive temperature' (OpPara: Word 6)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.114 32E1:72 Cycle time 0 [Operating Parameter: Word 7]

Operating parameters 'Cycle time 0' (OpPara: Word 7)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.115 32E1:73 Cycle time 1 [Operating Parameter: Word 8]

Operating parameters 'Cycle time 1' (OpPara: Word 8)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.116 32E1:74 OpPara rsvd 9 [Operating Parameter: Word 9]

reserved (OpPara: Word 9)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.117 32E1:75 OpPara rsvd 10 [Operating Parameter: Word 10]

reserved (OpPara: Word 10)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)

Description	Value
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.118 32E1:76 OpPara rsvd 11 [Operating Parameter: Word 11]

reserved (OpPara: Word 11)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.119 32E1:77 OpPara rsvd 12 [Operating Parameter: Word 12]

reserved (OpPara: Word 12)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.120 32E1:78 OpPara rsvd 13 [Operating Parameter: Word 13]

reserved (OpPara: Word 13)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x78

Description	Value
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.121 32E1:79 OpPara rsvd 14 [Operating Parameter: Word 14]

reserved (OpPara: Word 14)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.122 32E1:7A OpPara rsvd 15 [Operating Parameter: Word 15]

reserved (OpPara: Word 15)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.123 32E1:7B Total calculation and transfer time

The time span between the position sample point and the end of the data transfer to the drive.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x7B
Datatype	REAL32

Description	Value
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.4.124 32E1:7C Position sample point shift relative to the sync signal

Time difference between the DC Sync1 and the position sample time. (If T is less than zero the position is sampled before the Sync1 occurs!)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x7C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.5 32E2:x [SL] EnDat 2.2 Rotary encoder status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	27 (0x1B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.5.1 32E2:01 Add1 Position value 2 status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.2 32E2:02 Add1 Position value 2

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x02
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.3 32E2:03 Add1 Test values status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.4 32E2:04 Add1 Test values

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.5 32E2:05 Add1 Temperature sensor internal status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.6 32E2:06 Add1 Temperature sensor internal

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.7 32E2:07 Add1 Temperature sensor external status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.8 32E2:08 Add1 Temperature sensor external

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.9 32E2:09 Add1 Additional sensors status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x09
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.10 32E2:0A Add1 Additional sensors

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.11 32E2:0B Add2 Commutation status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0B
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.12 32E2:0C Add2 Commutation

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.13 32E2:0D Add2 Acceleration status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0D
Datatype	ENUM (INT16)
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.14 32E2:0E Add2 Acceleration

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.15 32E2:0F Add2 Limit position signals status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.16 32E2:10 Add2 Limit position signals

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.17 32E2:11 Add2 Asynchronous position value status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x11
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.18 32E2:12 Add2 Asynchronous position value

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.19 32E2:13 Add2 Operating status error sources status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x13
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.20 32E2:14 Add2 Operating status error sources

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.21 32E2:15 Add2 Position value 2 status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x15
Datatype	ENUM (INT16)
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.22 32E2:16 Add2 Position value 2

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x16
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.23 32E2:17 Add2 Timestamp status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x17
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

15.5.24 32E2:18 Add2 Timestamp

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.25 32E2:19 Encoder status update counter

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.26 32E2:1A Parameter access error counter

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.5.27 32E2:1B Ring buffer cycle count

Detailed encoder status information.

Objects of module EnDat 2.2 Rotary

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.6 32E3:x [SL] EnDat 2.2 Rotary temperature sensors

Temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.6.1 32E3:01 EnDat22 encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

15.6.2 32E3:02 EnDat22 encoder connected sensor temperature

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,1 K

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

15.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

15.7 32E4:x [SL] EnDat 2.2 Rotary electronic data sheet

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A) SecondaryFeedbackSlot: 0x3304 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.7.1 32E4:01 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A) SecondaryFeedbackSlot: 0x3304 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

15.7.2 32E4:02 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A) SecondaryFeedbackSlot: 0x3304 (Ch A)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

15.8 32E5:x [SL] EnDat 2.2 Rotary position offset data

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A) SecondaryFeedbackSlot: 0x3305 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.8.1 32E5:01 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A) SecondaryFeedbackSlot: 0x3305 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

15.8.2 32E5:02 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A) SecondaryFeedbackSlot: 0x3305 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

15.9 32E6:x [SL] EnDat 2.2 Rotary user data

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A) SecondaryFeedbackSlot: 0x3306 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.9.1 32E6:01 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A) SecondaryFeedbackSlot: 0x3306 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

15.9.2 32E6:02 User data

The user data string stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A) SecondaryFeedbackSlot: 0x3306 (Ch A)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

15.10 32E7:x [SL] EnDat 2.2 Rotary commutation offset data

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A) SecondaryFeedbackSlot: 0x3307 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.10.1 32E7:01 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A) SecondaryFeedbackSlot: 0x3307 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

15.10.2 32E7:02 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A) SecondaryFeedbackSlot: 0x3307 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °

Objects of module EnDat 2.2 Rotary

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.11 32E8:x [SL] EnDat 2.2 Rotary direct encoder access

This object provides access to the EnDat protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A) SecondaryFeedbackSlot: 0x3308 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.11.1 32E8:01 Command

This object provides access to the EnDat protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A) SecondaryFeedbackSlot: 0x3308 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

15.11.2 32E8:02 Status

This object provides access to the EnDat protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A) SecondaryFeedbackSlot: 0x3308 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

15.11.3 32E8:03 Response

This object provides access to the EnDat protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A) SecondaryFeedbackSlot: 0x3308 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.12 32EA:x [SL] EnDat 2.2 Rotary save user data

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A) SecondaryFeedbackSlot: 0x330A (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.12.1 32EA:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A) SecondaryFeedbackSlot: 0x330A (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

15.12.2 32EA:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A) SecondaryFeedbackSlot: 0x330A (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

15.12.3 32EA:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A) SecondaryFeedbackSlot: 0x330A (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.13 32EB:x [SL] EnDat 2.2 Rotary save commutation offset

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A) SecondaryFeedbackSlot: 0x330B (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.13.1 32EB:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A) SecondaryFeedbackSlot: 0x330B (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

15.13.2 32EB:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A) SecondaryFeedbackSlot: 0x330B (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

15.13.3 32EB:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A) SecondaryFeedbackSlot: 0x330B (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.14 32EC:x [SL] EnDat 2.2 Rotary scan connected encoder

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A) SecondaryFeedbackSlot: 0x330C (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.14.1 32EC:01 Command

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A) SecondaryFeedbackSlot: 0x330C (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

15.14.2 32EC:02 Status

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A) SecondaryFeedbackSlot: 0x330C (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

15.14.3 32EC:03 Response

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A) SecondaryFeedbackSlot: 0x330C (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.15 32EF:x [SL] EnDat 2.2 Rotary encoder parameter

EnDat2.2 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.15.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

15.15.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

15.15.3 32EF:03 Measuring steps per revolution policy

EnDat2.2 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x03
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

15.15.4 32EF:04 Measuring steps per revolution

EnDat2.2 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

15.15.5 32EF:05 Number of distinguishable revolutions policy

EnDat2.2 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x05

Description	Value
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

15.15.6 32EF:06 Number of distinguishable revolutions

EnDat2.2 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x06
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

15.15.7 32EF:07 Oversampling

EnDat2.2 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x07
Datatype	ENUM (UINT32)
Min. Value	
Default	FbOversampling_No (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	FbOversampling_x4
0 (0x00)	FbOversampling_No

15.15.8 32EF:08 Trace level

EnDat2.2 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x08
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

15.15.9 32EF:09 Settings

Bit 0..2 are used to disable individual encoder parameter checks! (0: Force max calc time to 10us, 1: Ignore incompatible ordering designation, 2: Ignore max clock frequency) Bit 3 is used to allow incremental encoders with reference marks.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

15.15.10 32EF:0A Position sample point timing

EnDat2.2 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0A
Datatype	ENUM (UINT32)
Min. Value	
Default	PositionSamplePointTiming_Default (0)

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	PositionSamplePointTiming_ForceToDcSync
0 (0x00)	PositionSamplePointTiming_Default

15.15.11 32EF:0B Diagnostics configuration

Selection of the displayed and transfered valuation and mounting data. See EnDat 2.2, word 5 and Operating Parameters word 3 for details. '0x8000000' disables any encoder online diagnostics.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

15.16 32F0:x [SL] EnDat 2.2 Rotary cogging compensation data

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A) SecondaryFeedbackSlot: 0x3310 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

15.16.1 32F0:01 Data state

Data state of the displayed compensation data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A) SecondaryFeedbackSlot: 0x3310 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

15.16.2 32F0:02 Compensation data

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A) SecondaryFeedbackSlot: 0x3310 (Ch A)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

16 Objects of module EnDat 2.2 Linear

16.1 1A00:x [SL] EnDat 2.2 Linear Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

16.2 1AE0:x [SL] EnDat 2.2 Linear Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

16.3 32E0:x [SL] EnDat 2.2 Linear actual values

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.3 32E0:03 rsvd1

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.4 32E0:04 Status

Status register of the EnDat2.2 motor feedback system. - Bit 0: PositionReady - Bit 1: PositionTimeout - Bit 2: EnDat22Status_Error1 - Bit 3: EnDat22Status_Crc - Bit 4: EnDat22Status_ErrorHandlerType1active - Bit 5: EnDat22Status_ErrorHandlerType2active - Bit 6: EnDat22Status_MrsAdrError - Bit 7: EnDat22Status_NotError2 - Bit 8: EnDat22Status_CrcErrorZ1 - Bit 9: EnDat22Status_CrcErrorZ2 - Bit 10: EnDat22Status_ReferenceLatched - Bit 11: EnDat22Status_Warning - Bit 12: EnDat22Status_ErrorHandlerType3active - Bit 13: reserved - Bit 14: reserved - Bit 15: reserved

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.5 32E0:05 rsvd2

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.8 32E0:08 Valuation data raw

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.9 32E0:09 Valuation addr 1

Evaluation of the incremental or scanning track. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.10 32E0:0A Valuation addr 2

Free for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.11 32E0:0B Valuation addr 3

Evaluation of the absolute track / (reference-pulse width). Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.12 32E0:0C Valuation addr 4

Evaluation of the position-value formation / (reference-pulse position). Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.13 32E0:0D Valuation addr 5

Reserved for touch probes. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.14 32E0:0E Valuation addr 6

Reserved for touch probes. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0E
Datatype	UINT8

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.15 32E0:0F Valuation addr 7

Reserved for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.16 32E0:10 Valuation addr 8

Reserved for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.17 32E0:11 Mounting parameter 8

E.g. mounting clearance in 10^-6 m (-32767 10^-6 m to +32767 10^-6 m)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x11

Description	Value
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.18 32E0:12 Mounting parameter 9

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.19 32E0:13 Mounting parameter 10

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.3.20 32E0:14 Mounting parameter 11

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x14
Datatype	INT16

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.4 32E1:x [SL] EnDat 2.2 Linear encoder info

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	124 (0x7C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.1 32E1:01 Interface

Version and feature info of the EnDat2.2 master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.2 32E1:02 IpCore Ident

Internal identification of the EnDat2.2 master IP core.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.3 32E1:03 Mask 0 [2.1: Word 4]

EnDat encoder manufacturer parameter 'Mask 0' (EnDat 2.1: Word 4)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.4 32E1:04 Mask 1 [2.1: Word 5]

EnDat encoder manufacturer parameter 'Mask 1' (EnDat 2.1: Word 5)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.5 32E1:05 Mask 2 [2.1: Word 6]

EnDat encoder manufacturer parameter 'Mask 2' (EnDat 2.1: Word 6)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.6 32E1:06 Mask 3 [2.1: Word 7]

EnDat encoder manufacturer parameter 'Mask 3' (EnDat 2.1: Word 7)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.7 32E1:07 Version of the EnDat interface [2.1: Word 8]

EnDat encoder manufacturer parameter 'Version' (EnDat 2.1: Word 8)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.8 32E1:08 Memory allocation for parameters of the OEM [2.1: Word 9,10]

EnDat encoder manufacturer parameter 'Memory allocation for EnDat 2.1' (EnDat 2.1: Word 9, 10)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.9 32E1:09 Memory allocation for compensation values [2.1: Word 11,12]

EnDat encoder manufacturer parameter 'Memory allocation for EnDat 2.1' (EnDat 2.1: Word 11)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.10 32E1:0A Number of clocks for position value [2.1: Word 13]

EnDat encoder manufacturer parameter 'Number of clock pulses for transfer of position value' (EnDat 2.1: Word 13)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.11 32E1:0B Encoder type [2.1: Word 14]

EnDat encoder manufacturer parameter 'Encoder model' (EnDat 2.1: Word 14)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.12 32E1:0C Signal period length [2.1: Word 15,16]

EnDat encoder manufacturer parameter 'Signal period length for incremental output signals' (Words 15, 16)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.13 32E1:0D EnDat parameter word 17 rotary only [2.1: Word 17]

EnDat encoder manufacturer parameter 'Distinguishable revolutions' (EnDat 2.1: Word 17)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.14 32E1:0E Increment of reference marks [2.1: Word 18]

EnDat encoder manufacturer parameter 'Increment of reference marks' (EnDat 2.1: Word 18)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.15 32E1:0F Position of the first reference mark [2.1: Word 19]

EnDat encoder manufacturer parameter 'Position of the first reference mark' (EnDat 2.1: Word 19)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.16 32E1:10 Measuring step length [2.1: Word 20,21]

EnDat encoder manufacturer parameter 'Measuring step length' (Words 20, 21)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.17 32E1:11 Datum shift [2.1: Word 22,23]

EnDat encoder manufacturer parameter 'Datum shift from the encoder manufacturer' (Words 22, 23)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.18 32E1:12 ID number 0 [2.1: Word 24]

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 24)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.19 32E1:13 ID number 1 [2.1: Word 25]

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 25)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.20 32E1:14 ID number 2 [2.1: Word 26]

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 26)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.21 32E1:15 Serial number 0 [2.1: Word 27]

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 27)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.22 32E1:16 Serial number 1 [2.1: Word 28]

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 28)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.23 32E1:17 Serial number 2 [2.1: Word 29]

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 29)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.24 32E1:18 Direction of traverse [2.1: Word 30]

EnDat encoder manufacturer parameter 'Direction of traverse' (EnDat 2.1: Word 30)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.25 32E1:19 Status of commissioning diagnostics [2.1: Word 31]

EnDat encoder manufacturer parameter 'Status of commissioning diagnostics' (EnDat 2.1: Word 31)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.26 32E1:1A Maximum mechanically permissible linear velocity [2.1: Word 32]

EnDat encoder manufacturer parameter 'Maximum mechanically permissible linear velocity' (EnDat 2.1: Word 32)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.27 32E1:1B Accuracy depending on linear velocity range 1 [2.1: Word 33]

EnDat encoder manufacturer parameter 'Accuracy depending on linear velocity, area 1' (EnDat 2.1: Word 33)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.28 32E1:1C Accuracy depending on linear velocity range 2 [2.1: Word 34]

EnDat encoder manufacturer parameter 'Accuracy depending on linear velocity, area 2' (EnDat 2.1: Word 34)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.29 32E1:1D Support of error messages 1 [2.1: Word 35]

EnDat encoder manufacturer parameter 'Support of error messages 1' (EnDat 2.1: Word 35)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.30 32E1:1E Support of warnings [2.1: Word 36]

EnDat encoder manufacturer parameter 'Support of warnings' (EnDat 2.1: Word 36)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.31 32E1:1F EnDat command set [2.1: Word 37]

EnDat encoder manufacturer parameter 'EnDat command set' (EnDat 2.1: Word 37)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.32 32E1:20 Measuring length [2.1: Word 38]

EnDat encoder manufacturer parameter 'Measuring length' (EnDat 2.1: Word 38)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.33 32E1:21 Max calc time for position value [2.1: Word 39]

EnDat encoder manufacturer parameter 'Max. calculation time for position value' (EnDat 2.1: Word 39)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.34 32E1:22 EnDat ordering designation [2.1: Word 40]

EnDat encoder manufacturer parameter 'EnDat ordering designation' (EnDat 2.1: Word 40)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.35 32E1:23 OEM specific data 0 [2.1: Word 41]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 41)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.36 32E1:24 OEM specific data 1 [2.1: Word 42]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 42)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.37 32E1:25 OEM specific data 2 [2.1: Word 43]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 43)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.38 32E1:26 OEM specific data 3 [2.1: Word 44]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 44)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.39 32E1:27 OEM specific data 4 [2.1: Word 45]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 45)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.40 32E1:28 OEM specific data 5 [2.1: Word 46]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 46)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.41 32E1:29 Checksum [2.1: Word 47]

EnDat encoder manufacturer parameter 'Checksum' (EnDat 2.1: Word 47)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.42 32E1:2A Status of additional datum 1 [2.2: Word 0]

EnDat 2.2 encoder manufacturer parameter 'Status of additional datum 1' (EnDat2.2: Word 0)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.43 32E1:2B Status of additional datum 2 [2.2: Word 1]

EnDat 2.2 encoder manufacturer parameter 'Status of additional datum 2' (EnDat2.2: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.44 32E1:2C Status of additional functions [2.2: Word 2]

EnDat 2.2 encoder manufacturer parameter 'Status of additional functions' (EnDat2.2: Word 2)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.45 32E1:2D Acceleration [2.2: Word 3]

EnDat 2.2 encoder manufacturer parameter 'Acceleration' (EnDat2.2: Word 3)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/s^2
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.46 32E1:2E Scaling function for temperature [2.2: Word 4]

EnDat 2.2 encoder manufacturer parameter 'Scaling function for temperature' (EnDat2.2: Word 4)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.47 32E1:2F Diagnostic status [2.2: Word 5]

EnDat 2.2 encoder manufacturer parameter 'Diagnostic status' (EnDat2.2: Word 5)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.48 32E1:30 Support of error message 2 [2.2: Word 6]

EnDat 2.2 encoder manufacturer parameter 'Support of error message 2' (EnDat2.2: Word 6)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.49 32E1:31 Forced sampling status [2.2: Word 7,8]

EnDat 2.2 encoder manufacturer parameter 'Forced sampling status' (Words 7, 8)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x31
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.50 32E1:32 Measuring step for position value 2 [2.2: Word 9,10]

EnDat 2.2 encoder manufacturer parameter 'Measuring step for position value 2' (Words 9, 10)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x32
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.51 32E1:33 Accuracy of position value 2 range 1 [2.2: Word 11,12]

EnDat 2.2 encoder manufacturer parameter 'Accuracy of position value 2 depending on linear velocity, area 1' (Words 11, 12)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x33
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.52 32E1:34 Accuracy of position value 2 range 2 [2.2: Word 13,14]

EnDat 2.2 encoder manufacturer parameter 'Accuracy of position value 2 depending on linear velocity, area 2' (Words 13, 14)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x34
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.53 32E1:35 EnDat 22 parameter word 15 rotary only [2.2: Word 15]

EnDat 2.2 encoder manufacturer parameter 'Number of distinguishable revolutions for position value 2' (EnDat2.2: Word 15)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.54 32E1:36 Direction of traverse of position value 2 [2.2: Word 16]

EnDat 2.2 encoder manufacturer parameter 'Direction of rotation or traverse of position value 2' (EnDat2.2: Word 16)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.55 32E1:37 Encoder identification 0 [2.2: Word 17]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 17)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.56 32E1:38 Encoder identification 1 [2.2: Word 18]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 18)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.57 32E1:39 Encoder identification 2 [2.2: Word 19]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 19)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.58 32E1:3A Encoder identification 3 [2.2: Word 20]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 20)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.59 32E1:3B Support of instructions [2.2: Word 21]

EnDat 2.2 encoder manufacturer parameter 'Support of instructions' (EnDat2.2: Word 21)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.60 32E1:3C Max permissible encoder temperature [2.2: Word 22]

EnDat 2.2 encoder manufacturer parameter 'Max. permissible encoder temperature at measuring' (EnDat2.2: Word 22)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.61 32E1:3D Max permissible acceleration [2.2: Word 23]

EnDat 2.2 encoder manufacturer parameter 'Max. permissible acceleration' (EnDat2.2: Word 23)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/s^2
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.62 32E1:3E Number of blocks for memory area section 2 [2.2: Word 24]

EnDat 2.2 encoder manufacturer parameter 'Number of blocks for memory area,' (EnDat2.2: Word 24)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.63 32E1:3F Max clock frequency [2.2: Word 25]

EnDat 2.2 encoder manufacturer parameter 'Maximum clock frequency' (EnDat2.2: Word 25)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.64 32E1:40 Number of bits for position comparison [2.2: Word 26]

EnDat 2.2 encoder manufacturer parameter 'Number of bits for position comparison' (EnDat2.2: Word 26)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.65 32E1:41 Scaling factor for resolution [2.2: Word 27]

EnDat 2.2 encoder manufacturer parameter 'Scaling factor for resolution' (EnDat2.2: Word 27)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.66 32E1:42 Measuring step EnDat22 [2.2: Word 28,29]

EnDat 2.2 encoder manufacturer parameter 'Measuring step' (Words 28, 29)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x42
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.67 32E1:43 Max speed for constant code value [2.2: Word 30]

EnDat 2.2 encoder manufacturer parameter 'Max. speed for constant code value' (EnDat2.2: Word 30)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.68 32E1:44 Offset between pos value and pos value 2 0 [2.2: Word 31]

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 31)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.69 32E1:45 Offset between pos value and pos value 2 1 [2.2: Word 32]

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 32)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.70 32E1:46 Offset between pos value and pos value 2 2 [2.2: Word 33]

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 33)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.71 32E1:47 EnDat parameter word 34 rotary only [2.2: Word 34]

EnDat 2.2 encoder manufacturer parameter '"Number of distinguishable revolutions" with scaling factor' (EnDat2.2: Word 34)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.72 32E1:48 Support of operating status error sources [2.2: Word 35]

EnDat 2.2 encoder manufacturer parameter 'Support of operating status error sources' (EnDat2.2: Word 35)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.73 32E1:49 Safety relevant measuring steps 0 [2.2: Word 36]

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 36)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.74 32E1:4A Safety relevant measuring steps 1 [2.2: Word 37]

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 37)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.75 32E1:4B Safety relevant measuring steps 2 [2.2: Word 38]

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 38)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.76 32E1:4C Non safety relevant subdivision of the relative position 0 [2.2: Word 39]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the relative position' (EnDat2.2: Word 39)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.77 32E1:4D Non safety relevant subdivision of the relative position 1 [2.2: Word 40]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the relative position' (EnDat2.2: Word 40)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

16.4.78 32E1:4E Non safety relevant subdivision of the absolute position 0 [2.2: Word 41]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the absolute position' (EnDat2.2: Word 41)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.79 32E1:4F Non safety relevant subdivision of the absolute position 1 [2.2: Word 42]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the absolute position' (EnDat2.2: Word 42)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.80 32E1:50 Generation of a warning message through limit position signals [2.2: Word 43]

EnDat 2.2 encoder manufacturer parameter 'Generation of a warning message through limit position signals' (EnDat2.2: Word 43)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.81 32E1:51 Support of touch probe statuses [2.2: Word 44]

EnDat 2.2 encoder manufacturer parameter 'Support of touch probe statuses' (EnDat2.2: Word 44)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.82 32E1:52 Timestamp unit of measure [2.2: Word 45]

EnDat 2.2 encoder manufacturer parameter 'Timestamp unit of measure' (EnDat2.2: Word 45)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.83 32E1:53 Referencing of incremental encoders [2.2: Word 46]

EnDat 2.2 encoder manufacturer parameter 'Referencing of incremental encoders' (EnDat2.2: Word 46)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x53
Datatype	UINT16
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.84 32E1:54 Support of IOs [2.2: Word 47]

EnDat 2.2 encoder manufacturer parameter 'Support of I/Os' (EnDat2.2: Word 47)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.85 32E1:55 Assigned [2.2: Word 48]

EnDat 2.2 encoder manufacturer parameter 'Assigned' (EnDat2.2: Word 48)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.86 32E1:56 EnDat2.2 rsvd 0 [2.2: Word 49]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 49)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x56
Datatype	UINT16
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.87 32E1:57 EnDat2.2 rsvd 1 [2.2: Word 50]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 50)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.88 32E1:58 EnDat2.2 rsvd 2 [2.2: Word 51]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 51)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.89 32E1:59 EnDat2.2 rsvd 3 [2.2: Word 52]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 52)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.90 32E1:5A EnDat2.2 rsvd 4 [2.2: Word 53]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 53)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.91 32E1:5B EnDat2.2 rsvd 5 [2.2: Word 54]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 54)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.92 32E1:5C EnDat2.2 rsvd 6 [2.2: Word 55]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 55)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	

Description	Value
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.93 32E1:5D EnDat2.2 rsvd 7 [2.2: Word 56]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 56)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.94 32E1:5E EnDat2.2 rsvd 8 [2.2: Word 57]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 57)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.95 32E1:5F EnDat2.2 rsvd 9 [2.2: Word 58]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 58)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.96 32E1:60 EnDat2.2 rsvd 10 [2.2: Word 59]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 59)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.97 32E1:61 EnDat2.2 rsvd 11 [2.2: Word 60]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 61)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.98 32E1:62 EnDat2.2 rsvd 12 [2.2: Word 61]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 61)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	
Revision	All

16.4.99 32E1:63 EnDat2.2 rsvd 13 [2.2: Word 62]

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 62)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.100 32E1:64 Checksum EnDat2.2 [2.2: Word 63]

EnDat 2.2 encoder manufacturer parameter 'Checksum' (EnDat2.2: Word 63)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.101 32E1:65 Operating status word 0 (errors) after power up

Operating status 'Error messages' (OpStatus: Word 0)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

16.4.102 32E1:66 Operating status word 1 (warnings) after power up

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.103 32E1:67 Operating status word 2 (Write-Protected Status) after power up

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.104 32E1:68 Operating status word 3 (Function init) after power up

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.105 32E1:69 Operating status error sources after power up (EnDat 2.2)

'Operating status error sources' after power up (EnDat 2.2 additional data)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.106 32E1:6A rsvd

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.107 32E1:6B Datum shift 0 [Operating Parameter: Word 0]

Operating parameters 'Datum shift 0' (OpPara: Word 0)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.108 32E1:6C Datum shift 1 [Operating Parameter: Word 1]

Operating parameters 'Datum shift 1' (OpPara: Word 1)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.109 32E1:6D Datum shift 2 [Operating Parameter: Word 2]

Operating parameters 'Datum shift 2' (OpPara: Word 2)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.110 32E1:6E Diagnostics configuration [Operating Parameter: Word 3]

Operating parameters 'Diagnostics configuration' (OpPara: Word 3)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.111 32E1:6F Address assignment [Operating Parameter: Word 4]

Operating parameters 'Address assignment' (OpPara: Word 4)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.112 32E1:70 Instruction [Operating Parameter: Word 5]

Operating parameters 'Instruction' (OpPara: Word 5)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.113 32E1:71 Temperature warning threshold [Operating Parameter: Word 6]

Operating parameters 'Trigger threshold of the warning bit for excessive temperature' (OpPara: Word 6)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.114 32E1:72 Cycle time 0 [Operating Parameter: Word 7]

Operating parameters 'Cycle time 0' (OpPara: Word 7)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.115 32E1:73 Cycle time 1 [Operating Parameter: Word 8]

Operating parameters 'Cycle time 1' (OpPara: Word 8)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.116 32E1:74 OpPara rsvd 9 [Operating Parameter: Word 9]

reserved (OpPara: Word 9)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.117 32E1:75 OpPara rsvd 10 [Operating Parameter: Word 10]

reserved (OpPara: Word 10)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)

Description	Value
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.118 32E1:76 OpPara rsvd 11 [Operating Parameter: Word 11]

reserved (OpPara: Word 11)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.119 32E1:77 OpPara rsvd 12 [Operating Parameter: Word 12]

reserved (OpPara: Word 12)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.120 32E1:78 OpPara rsvd 13 [Operating Parameter: Word 13]

reserved (OpPara: Word 13)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x78

Description	Value
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.121 32E1:79 OpPara rsvd 14 [Operating Parameter: Word 14]

reserved (OpPara: Word 14)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.122 32E1:7A OpPara rsvd 15 [Operating Parameter: Word 15]

reserved (OpPara: Word 15)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.123 32E1:7B Total calculation and transfer time

The time span between the position sample point and the end of the data transfer to the drive.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x7B
Datatype	REAL32

Description	Value
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.4.124 32E1:7C Position sample point shift relative to the sync signal

Time difference between the DC Sync1 and the position sample time. (If T is less than zero the position is sampled before the Sync1 occurs!)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x7C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.5 32E2:x [SL] EnDat 2.2 Linear encoder status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	27 (0x1B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.5.1 32E2:01 Add1 Position value 2 status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.2 32E2:02 Add1 Position value 2

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x02
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.3 32E2:03 Add1 Test values status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.4 32E2:04 Add1 Test values

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.5 32E2:05 Add1 Temperature sensor internal status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.6 32E2:06 Add1 Temperature sensor internal

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.7 32E2:07 Add1 Temperature sensor external status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.8 32E2:08 Add1 Temperature sensor external

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.9 32E2:09 Add1 Additional sensors status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x09
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.10 32E2:0A Add1 Additional sensors

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.11 32E2:0B Add2 Commutation status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0B
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.12 32E2:0C Add2 Commutation

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.13 32E2:0D Add2 Acceleration status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0D
Datatype	ENUM (INT16)
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.14 32E2:0E Add2 Acceleration

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.15 32E2:0F Add2 Limit position signals status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.16 32E2:10 Add2 Limit position signals

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.17 32E2:11 Add2 Asynchronous position value status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x11
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.18 32E2:12 Add2 Asynchronous position value

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.19 32E2:13 Add2 Operating status error sources status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x13
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.20 32E2:14 Add2 Operating status error sources

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.21 32E2:15 Add2 Position value 2 status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x15
Datatype	ENUM (INT16)
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.22 32E2:16 Add2 Position value 2

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x16
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.23 32E2:17 Add2 Timestamp status

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x17
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

16.5.24 32E2:18 Add2 Timestamp

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.25 32E2:19 Encoder status update counter

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.26 32E2:1A Parameter access error counter

Detailed encoder status information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.5.27 32E2:1B Ring buffer cycle count

Detailed encoder status information.

Objects of module EnDat 2.2 Linear

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.6 32E3:x [SL] EnDat 2.2 Linear temperature sensors

Temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.6.1 32E3:01 EnDat22 encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

16.6.2 32E3:02 EnDat22 encoder connected sensor temperature

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,1 K

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

16.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

16.7 32E4:x [SL] EnDat 2.2 Linear electronic data sheet

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A) SecondaryFeedbackSlot: 0x3304 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.7.1 32E4:01 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A) SecondaryFeedbackSlot: 0x3304 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

16.7.2 32E4:02 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A) SecondaryFeedbackSlot: 0x3304 (Ch A)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Objects of module EnDat 2.2 Linear

Description	Value
PDO Mapping	
Revision	All

16.8 32E5:x [SL] EnDat 2.2 Linear position offset data

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A) SecondaryFeedbackSlot: 0x3305 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.8.1 32E5:01 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A) SecondaryFeedbackSlot: 0x3305 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

16.8.2 32E5:02 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A) SecondaryFeedbackSlot: 0x3305 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro

Objects of module EnDat 2.2 Linear

Description	Value
PDO Mapping	
Revision	All

16.9 32E6:x [SL] EnDat 2.2 Linear user data

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A) SecondaryFeedbackSlot: 0x3306 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.9.1 32E6:01 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A) SecondaryFeedbackSlot: 0x3306 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

16.9.2 32E6:02 User data

The user data string stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A) SecondaryFeedbackSlot: 0x3306 (Ch A)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Objects of module EnDat 2.2 Linear

Description	Value
PDO Mapping	
Revision	All

16.10 32E7:x [SL] EnDat 2.2 Linear commutation offset data

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A) SecondaryFeedbackSlot: 0x3307 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.10.1 32E7:01 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A) SecondaryFeedbackSlot: 0x3307 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

16.10.2 32E7:02 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A) SecondaryFeedbackSlot: 0x3307 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °

Objects of module EnDat 2.2 Linear

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.11 32E8:x [SL] EnDat 2.2 Linear direct encoder access

This object provides access to the EnDat protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A) SecondaryFeedbackSlot: 0x3308 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.11.1 32E8:01 Command

This object provides access to the EnDat protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A) SecondaryFeedbackSlot: 0x3308 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

16.11.2 32E8:02 Status

This object provides access to the EnDat protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A) SecondaryFeedbackSlot: 0x3308 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

16.11.3 32E8:03 Response

This object provides access to the EnDat protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A) SecondaryFeedbackSlot: 0x3308 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.12 32EA:x [SL] EnDat 2.2 Linear save user data

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A) SecondaryFeedbackSlot: 0x330A (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.12.1 32EA:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A) SecondaryFeedbackSlot: 0x330A (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

16.12.2 32EA:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A) SecondaryFeedbackSlot: 0x330A (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

16.12.3 32EA:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A) SecondaryFeedbackSlot: 0x330A (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.13 32EB:x [SL] EnDat 2.2 Linear save commutation offset

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A) SecondaryFeedbackSlot: 0x330B (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.13.1 32EB:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A) SecondaryFeedbackSlot: 0x330B (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

16.13.2 32EB:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A) SecondaryFeedbackSlot: 0x330B (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

16.13.3 32EB:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A) SecondaryFeedbackSlot: 0x330B (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.14 32EC:x [SL] EnDat 2.2 Linear scan connected encoder

CoE command to check if a linear Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A) SecondaryFeedbackSlot: 0x330C (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.14.1 32EC:01 Command

CoE command to check if a linear Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A) SecondaryFeedbackSlot: 0x330C (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

16.14.2 32EC:02 Status

CoE command to check if a linear Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A) SecondaryFeedbackSlot: 0x330C (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

16.14.3 32EC:03 Response

CoE command to check if a linear Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A) SecondaryFeedbackSlot: 0x330C (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.15 32EF:x [SL] EnDat 2.2 Linear encoder parameter

EnDat22 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	12 (0x0C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

16.15.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

16.15.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

16.15.3 32EF:03 Measuring step length policy

EnDat22 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x03
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

16.15.4 32EF:04 Measuring step length

EnDat22 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

16.15.5 32EF:05 Measuring step length divisor

For future support of distance coded feedback systems. Set to 0 if not used!

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)

Description	Value
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

16.15.6 32EF:06 Measuring length policy

EnDat22 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

16.15.7 32EF:07 Measuring length

EnDat22 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x07
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

16.15.8 32EF:08 Oversampling

EnDat22 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x08
Datatype	ENUM (UINT32)
Min. Value	
Default	FbOversampling_No (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	FbOversampling_x4
0 (0x00)	FbOversampling_No

16.15.9 32EF:09 Trace level

EnDat22 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x09
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

16.15.10 32EF:0A Settings

Bit 0..2 are used to disable individual encoder parameter checks! (0: Force max calc time to 10us, 1: Ignore incompatible ordering designation, 2: Ignore max clock frequency) Bit 3 is used to allow incremental encoders with reference marks.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0A
Datatype	UINT32
Min. Value	

Description	Value
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

16.15.11 32EF:0B Position sample point timing

EnDat22 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0B
Datatype	ENUM (UINT32)
Min. Value	
Default	PositionSamplePointTiming_Default (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	PositionSamplePointTiming_ForceToDcSync
0 (0x00)	PositionSamplePointTiming_Default

16.15.12 32EF:0C Diagnostics configuration

Selection of the displayed and transfered valuation and mounting data. See EnDat 2.2, word 5 and Operating Parameters word 3 for details. '0x8000000' disables any encoder online diagnostics.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17 Objects of module EnDat 3 Rotary

17.1 1A00:x [SL] EnDat 3 Rotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

17.2 1AE0:x [SL] EnDat 3 Rotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.3 32E0:x [SL] EnDat 3 Rotary actual values

Actual values of the EnDat3 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.3.3 32E0:03 rsvd1

Actual values of the EnDat3 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.3.4 32E0:04 Status

Status register of the EnDat motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.3.5 32E0:05 rsvd2

Actual values of the EnDat3 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.4 32E1:x [SL] EnDat 3 Rotary master info

EnDat3 Master info.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.4.1 32E1:01 InterfaceIdent

Version and feature info of the EnDat3 master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.4.2 32E1:02 IpCore version info

EnDat3 Master info.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.4.3 32E1:03 IpCore instantiation info

EnDat3 Master info.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5 32E2:x [SL] EnDat 3 Rotary slave memory EL

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.1 32E2:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.5.2 32E2:02 EL cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.3 32E2:03 EL elSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.4 32E2:04 EL xelSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.5 32E2:05 EL setSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.6 32E2:06 EL xsetSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.7 32E2:07 EL lpfsetSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.8 32E2:08 EL oem1Size

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.9 32E2:09 EL oem2Size

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.5.10 32E2:0A EL oem3Size

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.11 32E2:0B EL sensorSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.12 32E2:0C EL lpfliveSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.13 32E2:0D EL orderDesignation

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0D
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.14 32E2:0E EL xType

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.15 32E2:0F EL manufacturer

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0F
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
5 (0x05)	ELmanuf_RSF
4 (0x04)	ELmanuf_Numerik_Jena
3 (0x03)	ELmanuf_Leine_Linde
2 (0x02)	ELmanuf_AMO

Enum Value	Description
1 (0x01)	ELmanuf_Heidenhain
0 (0x00)	ELmanuf_NotUsed

17.5.16 32E2:10 EL deviceName

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x10
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.17 32E2:11 EL deviceIdent

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x11
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.18 32E2:12 EL deviceSerial

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x12
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.19 32E2:13 EL phyDatarate

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.20 32E2:14 EL timeUnitWrite

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.21 32E2:15 EL protocolFeatures

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x15
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.22 32E2:16 EL supportHpf

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)

Description	Value
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.23 32E2:17 EL memEndurance

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.24 32E2:18 EL faultId 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.25 32E2:19 EL faultId 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.26 32E2:1A EL faultId 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.27 32E2:1B EL faultId 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.28 32E2:1C EL warnId 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.5.29 32E2:1D EL warnId 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.30 32E2:1E EL warnId 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.5.31 32E2:1F EL warnId 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6 32E3:x [SL] EnDat 3 Rotary slave memory XEL

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	30 (0x1E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.1 32E3:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.6.2 32E3:02 XEL cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.3 32E3:03 XEL timeHPFout 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.4 32E3:04 XEL timeHPFout 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.5 32E3:05 XEL timeHPFout 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.6 32E3:06 XEL timeHPFout 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.7 32E3:07 XEL timeHPFout 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.8 32E3:08 XEL timeHPFout 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.9 32E3:09 XEL timeHPFout 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.6.10 32E3:0A XEL timeHPFout 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.11 32E3:0B XEL encoderType

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0B
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	XELencType_linear_inc
3 (0x03)	XELencType_linear_abs
2 (0x02)	XELencType_rotary_inc
1 (0x01)	XELencType_rotary_abs
0 (0x00)	XELencType_Unknown

17.6.12 32E3:0C XEL deviceFeature

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	

Description	Value
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.13 32E3:0D XEL formatPos1Abs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.14 32E3:0E XEL formatPos2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.15 32E3:0F XEL measLength

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.16 32E3:10 XEL analogSignalPeriod

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	step/rev
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.17 32E3:11 XEL refMarkDelta

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.18 32E3:12 XEL Aux

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.19 32E3:13 XEL maxSpeedMech

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)

Description	Value
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	10 kg m^2/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.20 32E3:14 XEL maxSpeedData

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	10 kg m^2/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.21 32E3:15 XEL maxTempMech

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.22 32E3:16 XEL fidMountAddresses

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x16
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.23 32E3:17 XEL fidEvalnumSupport

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.24 32E3:18 XEL safetyBits

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.25 32E3:19 XEL lowerLimitPos

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x19
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.6.26 32E3:1A XEL upperLimitPos

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1A
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.27 32E3:1B XEL offsetPosFS

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1B
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.28 32E3:1C XEL numSafePosBits

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.29 32E3:1D XEL safetyCsPos1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.6.30 32E3:1E XEL deviceSpecific

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7 32E4:x [SL] EnDat 3 Rotary slave memory SENSORS

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.1 32E4:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.7.2 32E4:02 support 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.3 32E4:03 support 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.4 32E4:04 support 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.5 32E4:05 support 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.6 32E4:06 support 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.7 32E4:07 support 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.8 32E4:08 support 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.9 32E4:09 support 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.7.10 32E4:0A support 8

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.11 32E4:0B support 9

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.12 32E4:0C support 10

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.13 32E4:0D support 11

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.14 32E4:0E support 12

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.15 32E4:0F support 13

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.16 32E4:10 support 14

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.7.17 32E4:11 support 15

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8 32E5:x [SL] EnDat 3 Rotary slave memory SET

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	52 (0x34)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.1 32E5:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.8.2 32E5:02 cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.3 32E5:03 sel Hpf

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.4 32E5:04 bus Address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.5 32E5:05 axis Address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.6 32E5:06 fds Safety Info En

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.7 32E5:07 fds Init Cnt

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.8 32E5:08 fds Repeat Cnt

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.9 32E5:09 format Sensor 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.8.10 32E5:0A format Sensor 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.11 32E5:0B format Sensor 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.12 32E5:0C format Sensor 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.13 32E5:0D format Sensor 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.14 32E5:0E format Sensor 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.15 32E5:0F format Sensor 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.16 32E5:10 format Sensor 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.17 32E5:11 format Sensor 8

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.18 32E5:12 format Sensor 9

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.19 32E5:13 format Sensor 10

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.20 32E5:14 format Sensor 11

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.21 32E5:15 format Sensor 12

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.22 32E5:16 format Sensor 13

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.8.23 32E5:17 format Sensor 14

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.24 32E5:18 format Sensor 15

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.25 32E5:19 actual Sensor 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.26 32E5:1A actual Sensor 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.27 32E5:1B actual Sensor 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.28 32E5:1C actual Sensor 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.29 32E5:1D actual Sensor 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)

Description	Value
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.30 32E5:1E actual Sensor 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.31 32E5:1F actual Sensor 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.32 32E5:20 actual Sensor 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.33 32E5:21 actual Sensor 8

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.34 32E5:22 actual Sensor 9

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.35 32E5:23 actual Sensor 10

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.8.36 32E5:24 actual Sensor 11

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.37 32E5:25 actual Sensor 12

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.38 32E5:26 actual Sensor 13

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.39 32E5:27 actual Sensor 14

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.40 32E5:28 actual Sensor 15

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.41 32E5:29 device Specific 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.42 32E5:2A device Specific 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)

Description	Value
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.43 32E5:2B device Specific 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.44 32E5:2C device Specific 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.45 32E5:2D free to use 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.46 32E5:2E free to use 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.47 32E5:2F free to use 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.48 32E5:30 free to use 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.8.49 32E5:31 free to use 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.50 32E5:32 free to use 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.51 32E5:33 free to use 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.8.52 32E5:34 free to use 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.9 32E6:x [SL] EnDat 3 Rotary slave memory XSET

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.9.1 32E6:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.9.2 32E6:02 cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.9.3 32E6:03 offset Pos

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)

Description	Value
Subindex	0x03
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.9.4 32E6:04 safety Cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.9.5 32E6:05 temp Warn Level

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10 32E7:x [SL] EnDat 3 Rotary slave memory LPFSET

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.1 32E7:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.10.2 32E7:02 cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.3 32E7:03 ptr to list 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.4 32E7:04 ptr to list 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.5 32E7:05 ptr to list 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.6 32E7:06 ptr to list 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.7 32E7:07 ptr to list 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.8 32E7:08 ptr to list 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.9 32E7:09 ptr to list 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.10.10 32E7:0A xdim1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.11 32E7:0B ydim1 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.12 32E7:0C xdim2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.13 32E7:0D ydim2 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.14 32E7:0E xdim3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.15 32E7:0F ydim3 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.16 32E7:10 xdim4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.17 32E7:11 ydim4 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.18 32E7:12 xdim5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.19 32E7:13 ydim5 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.20 32E7:14 xdim6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.21 32E7:15 ydim6 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.22 32E7:16 xdim7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.10.23 32E7:17 ydim7 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.10.24 32E7:18 FID memory

Content of the FID memory

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11 32E8:x [SL] EnDat 3 Rotary slave memory LPFLIVE

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.1 32E8:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.11.2 32E8:02 cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.3 32E8:03 ptr to list 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.4 32E8:04 ptr to list 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.5 32E8:05 ptr to list 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.6 32E8:06 ptr to list 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.7 32E8:07 ptr to list 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.8 32E8:08 ptr to list 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.9 32E8:09 ptr to list 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.11.10 32E8:0A xdim1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.11 32E8:0B ydim1 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.12 32E8:0C xdim2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.13 32E8:0D ydim2 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.14 32E8:0E xdim3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.15 32E8:0F ydim3 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.16 32E8:10 xdim4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.17 32E8:11 ydim4 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.18 32E8:12 xdim5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.19 32E8:13 ydim5 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.20 32E8:14 xdim6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.21 32E8:15 ydim6 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.22 32E8:16 xdim7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

17.11.23 32E8:17 ydim7 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.11.24 32E8:18 FID memory

Content of the FID memory

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.12 32E9:x [SL] EnDat 3 Rotary slave status LPF data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	96 (0x60)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.12.1 32E9:01 LPF 0 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.2 32E9:02 LPF 0 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1

Enum Value	Description
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.3 32E9:03 LPF 0 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.4 32E9:04 LPF 0 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.5 32E9:05 LPF 0 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.6 32E9:06 LPF 0 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x06
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.7 32E9:07 LPF 1 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.8 32E9:08 LPF 1 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x08
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.9 32E9:09 LPF 1 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit

Description	Value
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.10 32E9:0A LPF 1 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.11 32E9:0B LPF 1 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.12 32E9:0C LPF 1 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.13 32E9:0D LPF 2 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.14 32E9:0E LPF 2 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0E
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA

Enum Value	Description
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.15 32E9:0F LPF 2 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0F
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.16 32E9:10 LPF 2 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.17 32E9:11 LPF 2 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x11
Datatype	UINT16
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.18 32E9:12 LPF 2 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.19 32E9:13 LPF 3 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.20 32E9:14 LPF 3 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x14
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.21 32E9:15 LPF 3 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x15
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.22 32E9:16 LPF 3 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.23 32E9:17 LPF 3 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.24 32E9:18 LPF 3 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x18
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.25 32E9:19 LPF 4 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.26 32E9:1A LPF 4 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1A
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.27 32E9:1B LPF 4 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1B

Description	Value
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.28 32E9:1C LPF 4 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.29 32E9:1D LPF 4 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.30 32E9:1E LPF 4 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.31 32E9:1F LPF 5 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.32 32E9:20 LPF 5 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x20
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT

Enum Value	Description
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.33 32E9:21 LPF 5 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x21
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.34 32E9:22 LPF 5 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.35 32E9:23 LPF 5 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.36 32E9:24 LPF 5 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x24
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.37 32E9:25 LPF 6 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.38 32E9:26 LPF 6 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x26
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.39 32E9:27 LPF 6 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x27
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated

Enum Value	Description
0 (0x00)	LPFdataState_Invalid

17.12.40 32E9:28 LPF 6 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.41 32E9:29 LPF 6 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.42 32E9:2A LPF 6 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.43 32E9:2B LPF 7 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.44 32E9:2C LPF 7 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1

Enum Value	Description
0 (0x00)	FID_NOP

17.12.45 32E9:2D LPF 7 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2D
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.46 32E9:2E LPF 7 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.47 32E9:2F LPF 7 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.48 32E9:30 LPF 7 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x30
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.49 32E9:31 LPF 8 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.50 32E9:32 LPF 8 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x32
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.51 32E9:33 LPF 8 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x33
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.52 32E9:34 LPF 8 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x34
Datatype	UINT8
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.53 32E9:35 LPF 8 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.54 32E9:36 LPF 8 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x36
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.55 32E9:37 LPF 9 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.56 32E9:38 LPF 9 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x38
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.57 32E9:39 LPF 9 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x39
Datatype	ENUM (UINT8)
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.58 32E9:3A LPF 9 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.59 32E9:3B LPF 9 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.60 32E9:3C LPF 9 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3C
Datatype	UINT64
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.61 32E9:3D LPF 10 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.62 32E9:3E LPF 10 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3E
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1

Enum Value	Description
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.63 32E9:3F LPF 10 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3F
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.64 32E9:40 LPF 10 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.65 32E9:41 LPF 10 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.66 32E9:42 LPF 10 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x42
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.67 32E9:43 LPF 11 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.68 32E9:44 LPF 11 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x44
Datatype	ENUM (UINT8)
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.69 32E9:45 LPF 11 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x45
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.70 32E9:46 LPF 11 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.71 32E9:47 LPF 11 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.72 32E9:48 LPF 11 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x48
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.73 32E9:49 LPF 12 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.74 32E9:4A LPF 12 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4A
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.75 32E9:4B LPF 12 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4B
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.76 32E9:4C LPF 12 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.77 32E9:4D LPF 12 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.78 32E9:4E LPF 12 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.79 32E9:4F LPF 13 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.80 32E9:50 LPF 13 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x50
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1

Enum Value	Description
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.81 32E9:51 LPF 13 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x51
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.82 32E9:52 LPF 13 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.83 32E9:53 LPF 13 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.84 32E9:54 LPF 13 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x54
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.85 32E9:55 LPF 14 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.86 32E9:56 LPF 14 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x56
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

17.12.87 32E9:57 LPF 14 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x57
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated

Enum Value	Description
0 (0x00)	LPFdataState_Invalid

17.12.88 32E9:58 LPF 14 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.89 32E9:59 LPF 14 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.90 32E9:5A LPF 14 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.91 32E9:5B LPF 15 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.92 32E9:5C LPF 15 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1

Enum Value	Description
0 (0x00)	FID_NOP

17.12.93 32E9:5D LPF 15 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5D
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

17.12.94 32E9:5E LPF 15 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.95 32E9:5F LPF 15 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.12.96 32E9:60 LPF 15 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x60
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.13 32EA:x [SL] EnDat 3 Rotary temperature sensors

Temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.13.1 32EA:01 EnDat3 encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

17.13.2 32EA:02 EnDat3 encoder connected sensor temperature

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.13.3 32EA:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

17.13.4 32EA:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.14 32EB:x [SL] EnDat 3 Rotary electronic data sheet

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.14.1 32EB:01 Selected slave address

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.14.2 32EB:02 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

17.14.3 32EB:03 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.15 32EC:x [SL] EnDat 3 Rotary position offset data

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.15.1 32EC:01 Selected slave address

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.15.2 32EC:02 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

17.15.3 32EC:03 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x03
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.16 32ED:x [SL] EnDat 3 Rotary user data

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.16.1 32ED:01 Selected slave address

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.16.2 32ED:02 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

17.16.3 32ED:03 User data

The user data string stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.17 32EF:x [SL] EnDat 3 Rotary commutation offset data

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.17.1 32EF:01 Selected slave address

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.17.2 32EF:02 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

17.17.3 32EF:03 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.18 32F0:x [SL] EnDat 3 Rotary cogging compensation data

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.18.1 32F0:01 Selected slave address

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.18.2 32F0:02 Data state

Data state of the displayed compensation data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

17.18.3 32F0:03 Compensation data

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F0 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.19 32F1:x [SL] EnDat 3 Rotary direct encoder access

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.19.1 32F1:01 Command

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F1 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.19.2 32F1:02 Status

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F1 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent

Enum Value	Description
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent

Enum Value	Description
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent

Enum Value	Description
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

17.19.3 32F1:03 Response

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F1 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.20 32F3:x [SL] EnDat 3 Rotary save user data

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.20.1 32F3:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F3 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.20.2 32F3:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F3 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

17.20.3 32F3:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F3 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.21 32F4:x [SL] EnDat 3 Rotary save commutation offset

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.21.1 32F4:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F4 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.21.2 32F4:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F4 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

17.21.3 32F4:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F4 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.22 32F5:x [SL] EnDat 3 Rotary scan connected encoder

CoE command to check if a rotary Endat3.0 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.22.1 32F5:01 Command

CoE command to check if a rotary Endat3.0 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F5 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.22.2 32F5:02 Status

CoE command to check if a rotary Endat3.0 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F5 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent

Enum Value	Description
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent

Enum Value	Description
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent

Enum Value	Description
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

17.22.3 32F5:03 Response

CoE command to check if a rotary Endat3.0 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F5 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.23 32FB:x [SL] EnDat 3 Rotary additional status

Additional internal status

Description	Value
Index	PrimaryFeedbackSlot: 0x32FB (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.23.1 32FB:01 Slave line error count

Additional internal status

Description	Value
Index	PrimaryFeedbackSlot: 0x32FB (Ch A)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.23.2 32FB:02 Master line error count

Additional internal status

Description	Value
Index	PrimaryFeedbackSlot: 0x32FB (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.23.3 32FB:03 Total extrapolation count

Additional internal status

Description	Value
Index	PrimaryFeedbackSlot: 0x32FB (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

17.24 32FC:x [SL] EnDat 3 Rotary encoder parameter

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

17.24.1 32FC:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorOCT_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	ConnectorOCT_CorrespondingToDriveChannel

17.24.2 32FC:02 Measuring steps per revolution policy

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement

Enum Value	Description
0 (0x00)	ParameterPolicy_UseEncoderValue

17.24.3 32FC:03 Measuring steps per revolution

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.24.4 32FC:04 Number of distinguishable revolutions policy

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

17.24.5 32FC:05 Number of distinguishable revolutions

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

17.24.6 32FC:06 Trace level

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

17.24.7 32FC:07 Settings

Bit 0..2 are used to disable individual encoder parameter checks! (0: Force max calc time to 10us, 1: Ignore incompatible ordering designation, 2: Ignore max clock frequency)

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

17.24.8 32FC:08 Max position extrapolation cycles

Max number of position extrapolation cycles

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	0

Description	Value
Default	3 (0x0003)
Max. Value	3 (0x0003)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18 Objects of module EnDat 3 Linear

18.1 1A00:x [SL] EnDat 3 Linear Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

18.2 1AE0:x [SL] EnDat 3 Linear Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.3 32E0:x [SL] EnDat 3 Linear actual values

Actual values of the EnDat3 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (1/256)nm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (1/256)nm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.3.3 32E0:03 rsvd1

Actual values of the EnDat3 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.3.4 32E0:04 Status

Status register of the EnDat motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.3.5 32E0:05 rsvd2

Actual values of the EnDat3 feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (1/256)nm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.4 32E1:x [SL] EnDat 3 Linear master info

EnDat3 Master info.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.4.1 32E1:01 InterfaceIdent

Version and feature info of the EnDat3 master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.4.2 32E1:02 IpCore version info

EnDat3 Master info.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.4.3 32E1:03 IpCore instantiation info

EnDat3 Master info.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5 32E2:x [SL] EnDat 3 Linear slave memory EL

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.1 32E2:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.5.2 32E2:02 EL cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.3 32E2:03 EL elSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.4 32E2:04 EL xelSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.5 32E2:05 EL setSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.6 32E2:06 EL xsetSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.7 32E2:07 EL lpfsetSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.8 32E2:08 EL oem1Size

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.9 32E2:09 EL oem2Size

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.5.10 32E2:0A EL oem3Size

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.11 32E2:0B EL sensorSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.12 32E2:0C EL lpfliveSize

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.13 32E2:0D EL orderDesignation

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0D
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.14 32E2:0E EL xType

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.15 32E2:0F EL manufacturer

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x0F
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
5 (0x05)	ELmanuf_RSF
4 (0x04)	ELmanuf_Numerik_Jena
3 (0x03)	ELmanuf_Leine_Linde
2 (0x02)	ELmanuf_AMO

Enum Value	Description
1 (0x01)	ELmanuf_Heidenhain
0 (0x00)	ELmanuf_NotUsed

18.5.16 32E2:10 EL deviceName

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x10
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.17 32E2:11 EL deviceIdent

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x11
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.18 32E2:12 EL deviceSerial

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x12
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.19 32E2:13 EL phyDatarate

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.20 32E2:14 EL timeUnitWrite

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.21 32E2:15 EL protocolFeatures

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x15
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.22 32E2:16 EL supportHpf

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)

Description	Value
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.23 32E2:17 EL memEndurance

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.24 32E2:18 EL faultId 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.25 32E2:19 EL faultId 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.26 32E2:1A EL faultId 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.27 32E2:1B EL faultId 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.28 32E2:1C EL warnId 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.5.29 32E2:1D EL warnId 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.30 32E2:1E EL warnId 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.5.31 32E2:1F EL warnId 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6 32E3:x [SL] EnDat 3 Linear slave memory XEL

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	30 (0x1E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.1 32E3:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.6.2 32E3:02 XEL cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.3 32E3:03 XEL timeHPFout 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.4 32E3:04 XEL timeHPFout 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.5 32E3:05 XEL timeHPFout 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.6 32E3:06 XEL timeHPFout 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.7 32E3:07 XEL timeHPFout 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.8 32E3:08 XEL timeHPFout 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.9 32E3:09 XEL timeHPFout 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.6.10 32E3:0A XEL timeHPFout 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.11 32E3:0B XEL encoderType

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0B
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	XELencType_linear_inc
3 (0x03)	XELencType_linear_abs
2 (0x02)	XELencType_rotary_inc
1 (0x01)	XELencType_rotary_abs
0 (0x00)	XELencType_Unknown

18.6.12 32E3:0C XEL deviceFeature

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	

Description	Value
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.13 32E3:0D XEL formatPos1Abs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.14 32E3:0E XEL formatPos2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.15 32E3:0F XEL measLength

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.16 32E3:10 XEL analogSignalPeriod

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.17 32E3:11 XEL refMarkDelta

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	step
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.18 32E3:12 XEL Aux

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.19 32E3:13 XEL maxSpeedMech

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)

Description	Value
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.20 32E3:14 XEL maxSpeedData

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.21 32E3:15 XEL maxTempMech

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.22 32E3:16 XEL fidMountAddresses

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x16
Datatype	OCTET_STRING
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.23 32E3:17 XEL fidEvalnumSupport

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.24 32E3:18 XEL safetyBits

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.25 32E3:19 XEL lowerLimitPos

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x19
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.6.26 32E3:1A XEL upperLimitPos

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1A
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.27 32E3:1B XEL offsetPosFS

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1B
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.28 32E3:1C XEL numSafePosBits

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.29 32E3:1D XEL safetyCsPos1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.6.30 32E3:1E XEL deviceSpecific

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x1E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7 32E4:x [SL] EnDat 3 Linear slave memory SENSORS

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.1 32E4:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.7.2 32E4:02 support 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.3 32E4:03 support 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.4 32E4:04 support 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.5 32E4:05 support 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.6 32E4:06 support 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.7 32E4:07 support 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.8 32E4:08 support 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.9 32E4:09 support 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.7.10 32E4:0A support 8

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.11 32E4:0B support 9

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.12 32E4:0C support 10

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.13 32E4:0D support 11

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.14 32E4:0E support 12

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.15 32E4:0F support 13

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.16 32E4:10 support 14

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.7.17 32E4:11 support 15

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E4 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8 32E5:x [SL] EnDat 3 Linear slave memory SET

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	52 (0x34)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.1 32E5:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.8.2 32E5:02 cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.3 32E5:03 sel Hpf

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.4 32E5:04 bus Address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.5 32E5:05 axis Address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.6 32E5:06 fds Safety Info En

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.7 32E5:07 fds Init Cnt

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.8 32E5:08 fds Repeat Cnt

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.9 32E5:09 format Sensor 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.8.10 32E5:0A format Sensor 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.11 32E5:0B format Sensor 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.12 32E5:0C format Sensor 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.13 32E5:0D format Sensor 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.14 32E5:0E format Sensor 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.15 32E5:0F format Sensor 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.16 32E5:10 format Sensor 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.17 32E5:11 format Sensor 8

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.18 32E5:12 format Sensor 9

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.19 32E5:13 format Sensor 10

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.20 32E5:14 format Sensor 11

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.21 32E5:15 format Sensor 12

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.22 32E5:16 format Sensor 13

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.8.23 32E5:17 format Sensor 14

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.24 32E5:18 format Sensor 15

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.25 32E5:19 actual Sensor 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.26 32E5:1A actual Sensor 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.27 32E5:1B actual Sensor 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.28 32E5:1C actual Sensor 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.29 32E5:1D actual Sensor 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)

Description	Value
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.30 32E5:1E actual Sensor 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.31 32E5:1F actual Sensor 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.32 32E5:20 actual Sensor 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.33 32E5:21 actual Sensor 8

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.34 32E5:22 actual Sensor 9

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.35 32E5:23 actual Sensor 10

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.8.36 32E5:24 actual Sensor 11

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.37 32E5:25 actual Sensor 12

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.38 32E5:26 actual Sensor 13

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.39 32E5:27 actual Sensor 14

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.40 32E5:28 actual Sensor 15

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.41 32E5:29 device Specific 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.42 32E5:2A device Specific 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)

Description	Value
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.43 32E5:2B device Specific 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.44 32E5:2C device Specific 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.45 32E5:2D free to use 0

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.46 32E5:2E free to use 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.47 32E5:2F free to use 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.48 32E5:30 free to use 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.8.49 32E5:31 free to use 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.50 32E5:32 free to use 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.51 32E5:33 free to use 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.8.52 32E5:34 free to use 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E5 (Ch A)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.9 32E6:x [SL] EnDat 3 Linear slave memory XSET

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.9.1 32E6:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.9.2 32E6:02 cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.9.3 32E6:03 offset Pos

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)

Description	Value
Subindex	0x03
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.9.4 32E6:04 safety Cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.9.5 32E6:05 temp Warn Level

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E6 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10 32E7:x [SL] EnDat 3 Linear slave memory LPFSET

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.1 32E7:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.10.2 32E7:02 cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.3 32E7:03 ptr to list 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.4 32E7:04 ptr to list 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.5 32E7:05 ptr to list 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.6 32E7:06 ptr to list 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.7 32E7:07 ptr to list 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.8 32E7:08 ptr to list 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.9 32E7:09 ptr to list 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.10.10 32E7:0A xdim1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.11 32E7:0B ydim1 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.12 32E7:0C xdim2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.13 32E7:0D ydim2 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.14 32E7:0E xdim3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.15 32E7:0F ydim3 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.16 32E7:10 xdim4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.17 32E7:11 ydim4 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.18 32E7:12 xdim5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.19 32E7:13 ydim5 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.20 32E7:14 xdim6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.21 32E7:15 ydim6 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.22 32E7:16 xdim7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.10.23 32E7:17 ydim7 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.10.24 32E7:18 FID memory

Content of the FID memory

Description	Value
Index	PrimaryFeedbackSlot: 0x32E7 (Ch A)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11 32E8:x [SL] EnDat 3 Linear slave memory LPFLIVE

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.1 32E8:01 Selected slave address

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.11.2 32E8:02 cs

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.3 32E8:03 ptr to list 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.4 32E8:04 ptr to list 2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.5 32E8:05 ptr to list 3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.6 32E8:06 ptr to list 4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.7 32E8:07 ptr to list 5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.8 32E8:08 ptr to list 6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.9 32E8:09 ptr to list 7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.11.10 32E8:0A xdim1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.11 32E8:0B ydim1 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.12 32E8:0C xdim2

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.13 32E8:0D ydim2 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.14 32E8:0E xdim3

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.15 32E8:0F ydim3 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.16 32E8:10 xdim4

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)

Description	Value
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.17 32E8:11 ydim4 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.18 32E8:12 xdim5

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.19 32E8:13 ydim5 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.20 32E8:14 xdim6

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.21 32E8:15 ydim6 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.22 32E8:16 xdim7

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	

Description	Value
Revision	All

18.11.23 32E8:17 ydim7 minus 1

Detailed encoder information.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.11.24 32E8:18 FID memory

Content of the FID memory

Description	Value
Index	PrimaryFeedbackSlot: 0x32E8 (Ch A)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.12 32E9:x [SL] EnDat 3 Linear slave status LPF data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	96 (0x60)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.12.1 32E9:01 LPF 0 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.2 32E9:02 LPF 0 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1

Enum Value	Description
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.3 32E9:03 LPF 0 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.4 32E9:04 LPF 0 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.5 32E9:05 LPF 0 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.6 32E9:06 LPF 0 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x06
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.7 32E9:07 LPF 1 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.8 32E9:08 LPF 1 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x08
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.9 32E9:09 LPF 1 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit

Description	Value
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.10 32E9:0A LPF 1 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.11 32E9:0B LPF 1 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.12 32E9:0C LPF 1 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.13 32E9:0D LPF 2 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.14 32E9:0E LPF 2 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0E
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA

Enum Value	Description
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.15 32E9:0F LPF 2 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x0F
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.16 32E9:10 LPF 2 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.17 32E9:11 LPF 2 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x11
Datatype	UINT16
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.18 32E9:12 LPF 2 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.19 32E9:13 LPF 3 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.20 32E9:14 LPF 3 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x14
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.21 32E9:15 LPF 3 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x15
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.22 32E9:16 LPF 3 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.23 32E9:17 LPF 3 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.24 32E9:18 LPF 3 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x18
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.25 32E9:19 LPF 4 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.26 32E9:1A LPF 4 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1A
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.27 32E9:1B LPF 4 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1B

Description	Value
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.28 32E9:1C LPF 4 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.29 32E9:1D LPF 4 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.30 32E9:1E LPF 4 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.31 32E9:1F LPF 5 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.32 32E9:20 LPF 5 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x20
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT

Enum Value	Description
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.33 32E9:21 LPF 5 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x21
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.34 32E9:22 LPF 5 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.35 32E9:23 LPF 5 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.36 32E9:24 LPF 5 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x24
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.37 32E9:25 LPF 6 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.38 32E9:26 LPF 6 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x26
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.39 32E9:27 LPF 6 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x27
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated

Enum Value	Description
0 (0x00)	LPFdataState_Invalid

18.12.40 32E9:28 LPF 6 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.41 32E9:29 LPF 6 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.42 32E9:2A LPF 6 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.43 32E9:2B LPF 7 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.44 32E9:2C LPF 7 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1

Enum Value	Description
0 (0x00)	FID_NOP

18.12.45 32E9:2D LPF 7 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2D
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.46 32E9:2E LPF 7 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.47 32E9:2F LPF 7 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.48 32E9:30 LPF 7 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x30
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.49 32E9:31 LPF 8 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.50 32E9:32 LPF 8 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x32
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.51 32E9:33 LPF 8 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x33
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.52 32E9:34 LPF 8 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x34
Datatype	UINT8
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.53 32E9:35 LPF 8 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.54 32E9:36 LPF 8 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x36
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.55 32E9:37 LPF 9 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.56 32E9:38 LPF 9 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x38
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.57 32E9:39 LPF 9 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x39
Datatype	ENUM (UINT8)
Min. Value	
Default	

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.58 32E9:3A LPF 9 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.59 32E9:3B LPF 9 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.60 32E9:3C LPF 9 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3C
Datatype	UINT64
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.61 32E9:3D LPF 10 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.62 32E9:3E LPF 10 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3E
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1

Enum Value	Description
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.63 32E9:3F LPF 10 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x3F
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.64 32E9:40 LPF 10 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.65 32E9:41 LPF 10 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.66 32E9:42 LPF 10 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x42
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.67 32E9:43 LPF 11 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.68 32E9:44 LPF 11 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x44
Datatype	ENUM (UINT8)
Min. Value	

Description	Value
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.69 32E9:45 LPF 11 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x45
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.70 32E9:46 LPF 11 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.71 32E9:47 LPF 11 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.72 32E9:48 LPF 11 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x48
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.73 32E9:49 LPF 12 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.74 32E9:4A LPF 12 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4A
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.75 32E9:4B LPF 12 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4B
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.76 32E9:4C LPF 12 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.77 32E9:4D LPF 12 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.78 32E9:4E LPF 12 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.79 32E9:4F LPF 13 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.80 32E9:50 LPF 13 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x50
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1

Enum Value	Description
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.81 32E9:51 LPF 13 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x51
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.82 32E9:52 LPF 13 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.83 32E9:53 LPF 13 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.84 32E9:54 LPF 13 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x54
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.85 32E9:55 LPF 14 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.86 32E9:56 LPF 14 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)

Description	Value
Subindex	0x56
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

18.12.87 32E9:57 LPF 14 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x57
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated

Enum Value	Description
0 (0x00)	LPFdataState_Invalid

18.12.88 32E9:58 LPF 14 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.89 32E9:59 LPF 14 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.90 32E9:5A LPF 14 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.91 32E9:5B LPF 15 bus address

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.92 32E9:5C LPF 15 FID

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1

Enum Value	Description
0 (0x00)	FID_NOP

18.12.93 32E9:5D LPF 15 data state

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5D
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

18.12.94 32E9:5E LPF 15 timestamp

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.95 32E9:5F LPF 15 error counter

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro

Description	Value
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.12.96 32E9:60 LPF 15 data

LPF content

Description	Value
Index	PrimaryFeedbackSlot: 0x32E9 (Ch A)
Subindex	0x60
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.13 32EA:x [SL] EnDat 3 Linear temperature sensors

Temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.13.1 32EA:01 EnDat3 encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

18.13.2 32EA:02 EnDat3 encoder connected sensor temperature

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.13.3 32EA:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

18.13.4 32EA:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EA (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.14 32EB:x [SL] EnDat 3 Linear electronic data sheet

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.14.1 32EB:01 Selected slave address

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.14.2 32EB:02 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

18.14.3 32EB:03 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EB (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.15 32EC:x [SL] EnDat 3 Linear position offset data

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.15.1 32EC:01 Selected slave address

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.15.2 32EC:02 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

18.15.3 32EC:03 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EC (Ch A)
Subindex	0x03
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.16 32ED:x [SL] EnDat 3 Linear user data

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.16.1 32ED:01 Selected slave address

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.16.2 32ED:02 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

18.16.3 32ED:03 User data

The user data string stored in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32ED (Ch A)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.17 32EF:x [SL] EnDat 3 Linear commutation offset data

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.17.1 32EF:01 Selected slave address

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.17.2 32EF:02 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

18.17.3 32EF:03 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.18 32F1:x [SL] EnDat 3 Linear direct encoder access

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.18.1 32F1:01 Command

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F1 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.18.2 32F1:02 Status

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F1 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent

Enum Value	Description
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent

Enum Value	Description
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent

Enum Value	Description
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

18.18.3 32F1:03 Response

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F1 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.19 32F3:x [SL] EnDat 3 Linear save user data

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.19.1 32F3:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F3 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.19.2 32F3:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F3 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

18.19.3 32F3:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F3 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.20 32F4:x [SL] EnDat 3 Linear save commutation offset

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.20.1 32F4:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F4 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.20.2 32F4:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F4 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

18.20.3 32F4:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F4 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.21 32F5:x [SL] EnDat 3 Linear scan connected encoder

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.21.1 32F5:01 Command

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F5 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.21.2 32F5:02 Status

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F5 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent

Enum Value	Description
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent

Enum Value	Description
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent

Enum Value	Description
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

18.21.3 32F5:03 Response

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	PrimaryFeedbackSlot: 0x32F5 (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.22 32FB:x [SL] EnDat 3 Linear additional status

Additional internal status

Description	Value
Index	PrimaryFeedbackSlot: 0x32FB (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.22.1 32FB:01 Slave line error count

Additional internal status

Description	Value
Index	PrimaryFeedbackSlot: 0x32FB (Ch A)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.22.2 32FB:02 Master line error count

Additional internal status

Description	Value
Index	PrimaryFeedbackSlot: 0x32FB (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.22.3 32FB:03 Total extrapolation count

Additional internal status

Description	Value
Index	PrimaryFeedbackSlot: 0x32FB (Ch A)

Description	Value
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

18.23 32FC:x [SL] EnDat 3 Linear encoder parameter

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

18.23.1 32FC:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorOCT_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	ConnectorOCT_CorrespondingToDriveChannel

18.23.2 32FC:02 Measuring step length policy

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement

Enum Value	Description
0 (0x00)	ParameterPolicy_UseEncoderValue

18.23.3 32FC:03 Measuring step length

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.23.4 32FC:04 Measuring length policy

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

18.23.5 32FC:05 Measuring length

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

18.23.6 32FC:06 Trace level

EnDat3 encoder parameter.

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

18.23.7 32FC:07 Settings

Bit 0..2 are used to disable individual encoder parameter checks! (0: Force max calc time to 10us, 1: Ignore incompatible ordering designation, 2: Ignore max clock frequency)

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

18.23.8 32FC:08 Max position extrapolation cycles

Max number of position extrapolation cycles

Description	Value
Index	PrimaryFeedbackSlot: 0x32FC (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	0

Description	Value
Default	3 (0x0003)
Max. Value	3 (0x0003)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19 Objects of module BiSS-C Rotary

19.1 1A00:x [SL] BiSS-C Rotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

19.2 1AE0:x [SL] BiSS-C Rotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.3 32E0:x [SL] BiSS-C Rotary actual values

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.3.3 32E0:03 rsvd1

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.3.4 32E0:04 Status

Status register of the BiSSc motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.3.5 32E0:05 rsvd2

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.3.8 32E0:08 Raw slave line data

Raw data on the BiSS-C slave line: If (Bit 0..55 == 0) Bit 0..55: 0 Bit 56: rsvd Bit 57: rsvd Bit 58: rsvd Bit 59: rsvd Bit 60: If 1: ZERO phase was never left, protocol failure? Bit 61: If 1: ACK phase was never left Bit 62: If 1: Slave seems to be inactive/not (yet?) answering Bit 63: If 1: Core seems to be disabled If (Bit 0..55 != 0) Bit 0..55: Raw slave line data Bit 56..63: Time until ACK is received in BiSS-C line clocks

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.4 32E1:x [SL] BiSS-C Rotary encoder info

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.4.1 32E1:01 Interface

Version and feature info of the BiSSc master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.4.2 32E1:02 IpCore Ident

Internal identification of the BiSSc master IP core.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.4.3 32E1:03 Clock frequency

Clock frequency of configured encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.4.4 32E1:04 rsvd

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.4.5 32E1:05 Error and warning configuration

Octet-String consisting of different masks and values depending on error and warning configuration.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.4.6 32E1:06 Total calculation and transfer time

The time span between the position sample point and the end of the data transfer to the drive.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.4.7 32E1:07 Position sample point shift relative to the sync signal

Time difference between the DC Sync1 and the position sample time. (If T is less than zero the position is sampled before the Sync1 occurs!)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.5 32E2:x [SL] BiSS-C Rotary encoder status

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.5.1 32E2:01 Cycle Counter

Cycle counter for monitoring the number of successfull accesses to the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.5.2 32E2:02 Error Counter

Error counter for monitoring the number of failed accesses to the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.5.3 32E2:03 Measured calculation time

Max position calculation time of encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	0,1 Âµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.5.4 32E2:04 Raw slave line data AND

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.5.5 32E2:05 Raw slave line data OR

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.5.6 32E2:06 Raw slave line data decoding

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.6 32E3:x [SL] BiSS-C Rotary temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.6.1 32E3:01 BiSSc encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

19.6.2 32E3:02 BiSSc encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

19.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

19.7 32EF:x [SL] BiSS-C Rotary encoder parameter

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

19.7.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

19.7.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

19.7.3 32EF:03 Measuring steps per revolution

Available singleturn information (without fill bits).

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.7.4 32EF:04 Number of distinguishable revolutions

Available multiturn information (without fill bits).

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.7.5 32EF:05 Data layout

Defines the data layout in the BiSS frame.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	FillLeft_MultiPos_SinglePos_FillRight_NotError_NotWarning_Crc (0)
Max. Value	

Description	Value
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	FillLeft_MultiPos_SinglePos_FillRight_NotError_NotWarning_Crc

19.7.6 32EF:06 Fill bit count left

Additional fill bits in the BiSS-C frame.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	0
Default	0
Max. Value	31 (0x1F)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.7.7 32EF:07 Fill bit count right

Additional fill bits in the BiSS-C frame.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x07
Datatype	UINT8
Min. Value	0
Default	0
Max. Value	31 (0x1F)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.7.8 32EF:08 reserved

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0

Description	Value
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.7.9 32EF:09 Max encoder clock frequency

Max possible encoder clock frequency.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	kHz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.7.10 32EF:0A Delay time after power up

Delay time after power up.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	5000 (0x1388)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.7.11 32EF:0B Calculation time

Max position calculation time of encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	

Description	Value
Unit	0,1 Âµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.7.12 32EF:0C CRC polynome

Polynom for cyclic redundandy check.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	67 (0x43)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

19.7.13 32EF:0D CRC data inverted

Additional information for crc.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0D
Datatype	ENUM (UINT8)
Min. Value	False (0)
Default	True (1)
Max. Value	True (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

19.7.14 32EF:0E Error and warning config

Configures how encoder errors and warnings should be handled.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0E
Datatype	ENUM (INT16)
Min. Value	

Description	Value
Default	Report_EncErrorAsError_EncWarnAsWarn (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Report_EncErrorAsError_IgnoreEncWarn
1 (0x01)	Report_EncErrorAsError_EncWarnAsError
0 (0x00)	Report_EncErrorAsError_EncWarnAsWarn

19.7.15 32EF:0F Cable length depending clock frequency limit

Configures the encoder frequency limit.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0F
Datatype	ENUM (UINT16)
Min. Value	
Default	Frequency_limit_5MHz (5000)
Max. Value	
Unit	kHz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
10000 (0x2710)	Frequency_limit_10MHz
5000 (0x1388)	Frequency_limit_5MHz

19.7.16 32EF:10 Trace level

Configures the object messages for the TwinCAT Engineering.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x10
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info

Enum Value	Description
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

19.7.17 32EF:11 Position sample point timing

Configures the position sample point.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x11
Datatype	ENUM (UINT32)
Min. Value	
Default	PositionSamplePointTiming_Default (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	PositionSamplePointTiming_ForceToDcSync
0 (0x00)	PositionSamplePointTiming_Default

20 Objects of module BiSS-C Linear

20.1 1A00:x [SL] BiSS-C Linear Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

20.2 1AE0:x [SL] BiSS-C Linear Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.3 32E0:x [SL] BiSS-C Linear actual values

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.3.3 32E0:03 rsvd1

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.3.4 32E0:04 Status

Status register of the BiSSc motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.3.5 32E0:05 rsvd2

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.3.8 32E0:08 Raw slave line data

Raw data on the BiSS-C slave line: If (Bit 0..55 == 0) Bit 0..55: 0 Bit 56: rsvd Bit 57: rsvd Bit 58: rsvd Bit 59: rsvd Bit 60: If 1: ZERO phase was never left, protocol failure? Bit 61: If 1: ACK phase was never left Bit 62: If 1: Slave seems to be inactive/not (yet?) answering Bit 63: If 1: Core seems to be disabled If (Bit 0..55 != 0) Bit 0..55: Raw slave line data Bit 56..63: Time until ACK is received in BiSS-C line clocks

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.4 32E1:x [SL] BiSS-C Linear encoder info

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.4.1 32E1:01 Interface

Version and feature info of the BiSSc master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.4.2 32E1:02 IpCore Ident

Internal identification of the BiSSc master IP core.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.4.3 32E1:03 Clock frequency

Clock frequency of configured encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.4.4 32E1:04 rsvd

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.4.5 32E1:05 Error and warning configuration

Octet-String consisting of different masks and values depending on error and warning configuration.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.4.6 32E1:06 Total calculation and transfer time

The time span between the position sample point and the end of the data transfer to the drive.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.4.7 32E1:07 Position sample point shift relative to the sync signal

Time difference between the DC Sync1 and the position sample time. (If T is less than zero the position is sampled before the Sync1 occurs!)

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.5 32E2:x [SL] BiSS-C Linear encoder status

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.5.1 32E2:01 Cycle Counter

Cycle counter for monitoring the number of successfull accesses to the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.5.2 32E2:02 Error Counter

Error counter for monitoring the number of failed accesses to the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.5.3 32E2:03 Measured calculation time

Max position calculation time of encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	0,1 Âµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.5.4 32E2:04 Raw slave line data AND

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.5.5 32E2:05 Raw slave line data OR

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.5.6 32E2:06 Raw slave line data decoding

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.6 32E3:x [SL] BiSS-C Linear temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.6.1 32E3:01 BiSSc encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

20.6.2 32E3:02 BiSSc encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm

Description	Value
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

20.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

20.7 32EF:x [SL] BiSS-C Linear encoder parameter

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	18 (0x12)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

20.7.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

20.7.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

20.7.3 32EF:03 Measuring step length

Measuring step length.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.4 32EF:04 Measuring step length divisor

The measuring step length can be scaled with this divisor. This divisor should only be used if the exact step length can't be represented in picometer.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	1024 (0x00000400)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.5 32EF:05 Position bit count

Bit count of the position value in the BiSS-C frame.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	0

Description	Value
Default	0
Max. Value	62 (0x3E)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.6 32EF:06 Data layout

Defines the data layout in the BiSS frame.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	FillLeft_Pos_FillRight_NotError_NotWarning_Crc (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	FillLeft_Pos_FillRight_NotError_NotWarning_Crc

20.7.7 32EF:07 Fill bit count left

Additional fill bits in the BiSS-C frame.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x07
Datatype	UINT8
Min. Value	0
Default	0
Max. Value	31 (0x1F)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.8 32EF:08 Fill bit count right

Additional fill bits in the BiSS-C frame.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x08
Datatype	UINT8

Description	Value
Min. Value	0
Default	0
Max. Value	31 (0x1F)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.9 32EF:09 reserved

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.10 32EF:0A Max encoder clock frequency

Max possible encoder clock frequency.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	kHz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.11 32EF:0B Delay time after power up

Delay time after power up.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	0

Description	Value
Default	0
Max. Value	
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.12 32EF:0C Calculation time

Max position calculation time of encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	0,1 Âµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.13 32EF:0D CRC polynome

Polynom for cyclic redundandy check.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	67 (0x43)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

20.7.14 32EF:0E CRC data inverted

Additional information for crc.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0E
Datatype	ENUM (UINT8)
Min. Value	False (0)
Default	True (1)

Description	Value
Max. Value	True (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

20.7.15 32EF:0F Error and warning config

Configures how encoder errors and warnings should be handled.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	Report_EncErrorAsError_EncWarnAsWarn (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Report_EncErrorAsError_IgnoreEncWarn
1 (0x01)	Report_EncErrorAsError_EncWarnAsError
0 (0x00)	Report_EncErrorAsError_EncWarnAsWarn

20.7.16 32EF:10 Cable length depending clock frequency limit

Configures the encoder frequency limit.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x10
Datatype	ENUM (UINT16)
Min. Value	
Default	Frequency_limit_5MHz (5000)
Max. Value	
Unit	kHz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
10000 (0x2710)	Frequency_limit_10MHz
5000 (0x1388)	Frequency_limit_5MHz

20.7.17 32EF:11 Trace level

Configures the object messages for the TwinCAT Engineering.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x11
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

20.7.18 32EF:12 Position sample point timing

Configures the position sample point.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x12
Datatype	ENUM (UINT32)
Min. Value	
Default	PositionSamplePointTiming_Default (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	PositionSamplePointTiming_ForceToDcSync
0 (0x00)	PositionSamplePointTiming_Default

21 Objects of module Incremental Encoder Rotary

21.1 1A00:x [SL] Incremental Encoder Rotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

21.2 1AE0:x [SL] Incremental Encoder Rotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

21.3 32E0:x [SL] Incremental Encoder Rotary actual values

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.3 32E0:03 Status

Status register of the Incremental Encoder motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.4 32E0:04 rsvd1

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.5 32E0:05 rsvd2

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.8 32E0:08 Sine signal

The actual offset and gain corrected value of the sine signal.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.9 32E0:09 Cosine signal

The actual offset and gain corrected value of the cosine signal.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.10 32E0:0A Reference signal

The actual analog value of the reference signal.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.11 32E0:0B Vector length

The actual vector length.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.12 32E0:0C Vector length maximum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)

Description	Value
Subindex	0x0C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.13 32E0:0D Vector length minimum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.14 32E0:0E Cosine maximum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.15 32E0:0F Cosine minimum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0F

Description	Value
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.16 32E0:10 Sine maximum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x10
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.3.17 32E0:11 Sine minimum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.4 32E1:x [SL] Incremental Encoder Rotary encoder info

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.4.1 32E1:01 Interface

Version and feature info of the BiSSc master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.4.2 32E1:02 IpCore Ident

Internal identification of the BiSSc master IP core.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.4.3 32E1:03 Sample frequency

Sample frequency of the ADC

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.4.4 32E1:04 Cosine gain production

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.4.5 32E1:05 Sine gain production

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.4.6 32E1:06 Cosine offset production

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.4.7 32E1:07 Sine offset production

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.5 32E2:x [SL] Incremental Encoder Rotary encoder status

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.5.1 32E2:01 Cycle Counter

Cycle counter for monitoring the number of successfull accesses to the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.5.2 32E2:02 Error Counter

Error counter for monitoring the number of failed accesses to the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.6 32E3:x [SL] Incremental Encoder Rotary temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.6.1 32E3:01 rsvd0

reserved 0

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.6.2 32E3:02 rsvd1

reserved 1

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

21.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

21.7 32EF:x [SL] Incremental Encoder Rotary encoder parameter

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

21.7.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

21.7.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

21.7.3 32EF:03 Encoder type

Sin/Cor or TTL

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	
Default	EncType_SinCos (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	EncType_TTL
0 (0x00)	EncType_SinCos

21.7.4 32EF:04 Vector length monitoring mode

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	
Default	VectorLength_MinMaxParameters (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	VectorLength_BrokenWireDetection
0 (0x00)	VectorLength_MinMaxParameters

21.7.5 32EF:05 Automatic offset and gain calc mode

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	AutoOffsetGainCalc_Enable (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	AutoOffsetGainCalc_Disable
0 (0x00)	AutoOffsetGainCalc_Enable

21.7.6 32EF:06 Signal periods per revolution

Count of signal periods per revolution

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x06
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

21.7.7 32EF:07 Delay time after power up

Delay time after power up.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	5000 (0x1388)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

21.7.8 32EF:08 Trace level

Configures the object messages for the TwinCAT Engineering.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x08
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

21.7.9 32EF:09 Cosine gain

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	5.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

21.7.10 32EF:0A Sine gain

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	5.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

21.7.11 32EF:0B Cosine offset

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	-1.0
Default	0.0
Max. Value	1.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

21.7.12 32EF:0C Sine offset

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	-1.0
Default	0.0
Max. Value	1.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

21.7.13 32EF:0D Vector length max allowed value

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	1.34
Max. Value	5.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

21.7.14 32EF:0E Vector length min allowed value

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.53
Max. Value	5.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

21.7.15 32EF:0F Reference signal latch value

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.5
Max. Value	5.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22 Objects of module Incremental Encoder Linear

22.1 1A00:x [SL] Incremental Encoder Linear Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

22.2 1AE0:x [SL] Incremental Encoder Linear Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22.3 32E0:x [SL] Incremental Encoder Linear actual values

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.3 32E0:03 Status

Status register of the Incremental Encoder motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.4 32E0:04 rsvd1

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.5 32E0:05 rsvd2

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.8 32E0:08 Sine signal

The actual offset and gain corrected value of the sine signal.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.9 32E0:09 Cosine signal

The actual offset and gain corrected value of the cosine signal.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.10 32E0:0A Reference signal

The actual analog value of the reference signal.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.11 32E0:0B Vector length

The actual vector length.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.12 32E0:0C Vector length maximum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)

Description	Value
Subindex	0x0C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.13 32E0:0D Vector length minimum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.14 32E0:0E Cosine maximum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.15 32E0:0F Cosine minimum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x0F

Description	Value
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.16 32E0:10 Sine maximum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x10
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.3.17 32E0:11 Sine minimum

Actual values of the BiSSc feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A) SecondaryFeedbackSlot: 0x3300 (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.4 32E1:x [SL] Incremental Encoder Linear encoder info

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.4.1 32E1:01 Interface

Version and feature info of the BiSSc master IP core wrapper.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.4.2 32E1:02 IpCore Ident

Internal identification of the BiSSc master IP core.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.4.3 32E1:03 Sample frequency

Sample frequency of the ADC

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.4.4 32E1:04 Cosine gain production

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.4.5 32E1:05 Sine gain production

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.4.6 32E1:06 Cosine offset production

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.4.7 32E1:07 Sine offset production

This object contains a collection of information from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E1 (Ch A) SecondaryFeedbackSlot: 0x3301 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.5 32E2:x [SL] Incremental Encoder Linear encoder status

This object contains a collection of status values from the encoder system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.5.1 32E2:01 Cycle Counter

Cycle counter for monitoring the number of successfull accesses to the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.5.2 32E2:02 Error Counter

Error counter for monitoring the number of failed accesses to the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E2 (Ch A) SecondaryFeedbackSlot: 0x3302 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.6 32E3:x [SL] Incremental Encoder Linear temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.6.1 32E3:01 rsvd0

reserved 0

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.6.2 32E3:02 rsvd1

reserved 1

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

22.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A) SecondaryFeedbackSlot: 0x3303 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

22.7 32EF:x [SL] Incremental Encoder Linear encoder parameter

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.7.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

22.7.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

22.7.3 32EF:03 Encoder type

Sin/Cos or TTL

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	
Default	EncType_SinCos (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	EncType_TTL
0 (0x00)	EncType_SinCos

22.7.4 32EF:04 Vector length monitoring mode

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	
Default	VectorLength_MinMaxParameters (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	VectorLength_BrokenWireDetection
0 (0x00)	VectorLength_MinMaxParameters

22.7.5 32EF:05 Automatic offset and gain calc mode

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	AutoOffsetGainCalc_Enable (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	AutoOffsetGainCalc_Disable
0 (0x00)	AutoOffsetGainCalc_Enable

22.7.6 32EF:06 Length per signal period

Length of one Sinus/Cosinus or TTL signal period in [pm]

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x06
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22.7.7 32EF:07 Length per signal period divisor

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

22.7.8 32EF:08 Delay time after power up

Delay time after power up.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x08
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	5000 (0x1388)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22.7.9 32EF:09 Trace level

Configures the object messages for the TwinCAT Engineering.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x09
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

22.7.10 32EF:0A Cosine gain

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	5.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22.7.11 32EF:0B Sine gain

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	5.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22.7.12 32EF:0C Cosine offset

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	-1.0
Default	0.0
Max. Value	1.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22.7.13 32EF:0D Sine offset

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	-1.0
Default	0.0
Max. Value	1.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22.7.14 32EF:0E Vector length max allowed value

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	1.34
Max. Value	5.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22.7.15 32EF:0F Vector length min allowed value

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.53
Max. Value	5.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

22.7.16 32EF:10 Reference signal latch value

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	PrimaryFeedbackSlot: 0x32EF (Ch A) SecondaryFeedbackSlot: 0x330F (Ch A)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.5
Max. Value	5.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

23 Objects of module Simulation Rotary

23.1 1A00:x [SL] Simulation Rotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

23.2 1AE0:x [SL] Simulation Rotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

23.3 32E0:x [SL] Simulation Rotary actual values

This object contains the actual encoder values which are updated every Encoder cycle.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

23.3.1 32E0:01 Position

The actual right-aligned position value of the simulated motor feedback system.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

23.3.2 32E0:02 Raw position

The raw position value of the DSL motor feedback system [63..32] Multi turns, [31..0] Single turn.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

23.3.3 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

23.3.4 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

23.3.5 32E0:08 Simulation mode

This object indicates the position calculation mode depending on motor and control mode settings.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E0 (Ch A)
Subindex	0x08
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	Calc_position_from_estimated_commutation_angle
0 (0x00)	Calc_position_from_velocity_command_value

23.4 32E3:x [SL] Simulation Rotary temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

23.4.1 32E3:01 Simulation encoder connected sensor data state

This object contains the data state of the simulated temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

23.4.2 32E3:02 Simulation encoder connected sensor resistance

This object contains the resistance of the simulated temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

23.4.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

23.4.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value,

Description	Value
Index	PrimaryFeedbackSlot: 0x32E3 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24 Objects of module SynchronousMotor

24.1 1A00:x SynchronousMotor Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

24.2 1AE0:x SynchronousMotor Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3 32C0:x SynchronousMotor parameters

This object contains parameters to configure the connected motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	27 (0x1B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.3.1 32C0:01 Configured motor type

This object indicates the configured motor type.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	not set
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.2 32C0:02 Pole pairs

This object indicates the motor pole pairs.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	255 (0x00FF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.3 32C0:03 Motor peak current

This object configures the motor peak current. If the electronic datasheet of the motor is available take "Peak current".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.4 32C0:04 Motor nominal voltage

This object configures the motor nominal voltage. If the electronic datasheet is available take "Nominal voltage" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.5 32C0:05 Motor max voltage

This object configures the motor max voltage. If the electronic datasheet is available take "Max voltage".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.6 32C0:06 Winding resistance R

This object configures the winding resistance R (phase to phase at 20°C). If the electronic datasheet is available take "Winding resistance Ph-Ph 20°C".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.7 32C0:07 Winding inductance Ld

This object configures the direct axis winding inductance Ld (phase to phase). If the electronic datasheet is available take "Ld Ph-Ph".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.8 32C0:08 Winding inductance Lq

This object configures the direct winding inductance Lq. If the electronic datasheet is available take "Lq Ph-Ph".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.9 32C0:09 Motor warning temperature

This object configures the motor temperature warning threshold. If the electronic datasheet is available take "T motor warn limit".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)

Description	Value
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.10 32C0:0A Motor shut down temperature

This object configures the motor temperature error threshold. If the electronic datasheet is available take "T motor err limit".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.11 32C0:0B Motor moment of inertia

This object configures the inertia of rotor including brake and encoder. If the electronic datasheet is available take "J motor with brake".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	kg m^2
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.12 32C0:0C Motor rated speed

This object indicates the motor calculated speed. Its calculated from the motor parameters.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0C

Description	Value
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.13 32C0:0D Motor rated torque

This object configures the motor rated torque at rated speed. If the electronic datasheet is available take "Rated torque" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.14 32C0:0E Commutation offset

This object configures the motor commutation offset. Beckhoff motors use the default value (0°).

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0E
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	x * (360/65536)°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.15 32C0:0F Motor temperature sensor connection

This object configures the motor temperature sensor type.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0F
Datatype	ENUM (INT16)

Description	Value
Min. Value	
Default	No_motor_temperature_switch_or_sensor (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Via_feedback_process_data_scaled_in_0_1K
2 (0x02)	Via_motor_cable_and_characteristic_table
1 (0x01)	Via_feedback_process_data_and_characteristic_table
0 (0x00)	No_motor_temperature_switch_or_sensor

24.3.16 32C0:10 Motor max voltage slope

This object configures the motor maximum winding voltage slope. If the electronic datasheet is available take "Max winding du/dt" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.17 32C0:16 Commutation offset source

This object configures the memory source of the "Offset position actual value".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x16
Datatype	ENUM (UINT16)
Min. Value	
Default	feedback_module (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	execute_static_current_vector_command
1 (0x01)	motor_parameter_commutation_offset

Enum Value	Description
0 (0x00)	feedback_module

24.3.18 32C0:17 Motor peak torque

This object configures the motor peak torque. If the electronic datasheet of the motor is available take "Max Torque".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x17
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.19 32C0:19 Reluctance torque current angle

This object configures the current angle with maximal torque per current.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x19
Datatype	UINT16
Min. Value	0
Default	16384 (0x4000)
Max. Value	32768 (0x8000)
Unit	x * (360/65536)°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.20 32C0:1A Commutation gear numerator

This object configures the commutation gear numerator (number of gear teeth on the rotor shaft).

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x1A
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	1 (0x00000001)
Max. Value	1 (0x00000001)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.3.21 32C0:1B Commutation gear denominator

This object configures the commutation gear denominator (number of gear teeth on the encoder shaft).

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x1B
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	1 (0x00000001)
Max. Value	1 (0x00000001)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.4 32C1:x SynchronousMotor actual values

This object contains actual values from this module.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.4.1 32C1:01 Actual motor I2T current limit

This object is to monitor the thermal motor I^2T model current limitation. If the estimated I^2T value exceeds the threshold value the current will be limited to motor I_0 (0x6075).

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24.4.2 32C1:02 Thermal motor utilization

This object is to indicate the actual motor utilization.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24.4.3 32C1:03 Estimated motor copper losses

Internal value for estimated motor copper losses.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24.4.4 32C1:04 Estimated motor iron losses

Internal value for estimated motor iron losses.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24.4.5 32C1:05 Motor I2T limitation active

This internal state indicates a current reduction due to the thermal motor model.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	limit_active
0 (0x00)	limit_off

24.4.6 32C1:06 Actual motor temperature

This object provides the measured motor winding temperature. It is usually acquired via the motor internal temperature sensor.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24.4.7 32C1:0B Actual commutation offset

This object displays the actual motor commutation offset. Beckhoff motors use the default value (0°).

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	x * (360/65536)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24.4.8 32C1:0C Is commutation offset valid

This object displays if the actual motor commutation offset is valid.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

24.4.9 32C1:0D Voltage controller demand value

Voltage controller demand voltage value.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24.4.10 32C1:0E Voltage controller actual value

Voltage controller actual voltage value.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24.4.11 32C1:0F Sensorless control commutation angle error

Sensorless control estimated commutation error angle.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	rad
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

24.5 32C2:x SynchronousMotor torque characteristic

This object describes the motor torque characteristic of a cold (40°C) motor. The torque as a function of current curve is approximated by a third order polynomial. Three pairs of values are required. Standstill current and torque, peak current and torque and a pair of values between standstill and peak. The values can be read from the motor electronic datasheet (XEDS file).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.5.1 32C2:01 Current 1

A current near the motor standstill current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (2nd current).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.5.2 32C2:02 Current 2

A current between standstill and peak current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (5th current).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

24.5.3 32C2:03 Current 3

The peak current of the motor should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (10th current).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.5.4 32C2:04 Torque 1

A torque near the cold motor standstill torque should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (2nd torque).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.5.5 32C2:05 Torque 2

A torque between standstill and peak should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (5th torque).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	Nm
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

24.5.6 32C2:06 Torque 3

The torque at peak current of the cold motor should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (10th torque).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.5.7 32C2:07 Coeff A1

First coefficient of polynomial third order.

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.5.8 32C2:08 Coeff A2

Second coefficient of polynomial third order.

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.5.9 32C2:09 Coeff A3

Third coefficient of polynomial third order.

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.6 32C6:x SynchronousMotor commutation monitoring parameters

This object contains parameters to configure the Motor commutation monitoring

Description	Value
Index	MotorSlot: 0x32C6 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.6.1 32C6:01 Speed threshold

The minimum speed for detecting a commutation error is 'Max motor speed' (0x6080) multiplied by 'Speed threshold'

Description	Value
Index	MotorSlot: 0x32C6 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.6.2 32C6:02 Voltage threshold

The BEMF level for detecting a commutation error is 'Motor nominal voltage' (0x32C0:03) multiplied by 'Voltage threshold'

Description	Value
Index	MotorSlot: 0x32C6 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	2.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7 32C7:x SynchronousMotor temperature sensor characteristic

This object describes the R(T) curve of the motor winding temperature sensor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	21 (0x15)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.7.1 32C7:01 Temperature 0

Temperature sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.2 32C7:02 Temperature 1

Temperature sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.3 32C7:03 Temperature 2

Temperature sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.4 32C7:04 Temperature 3

Temperature sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.5 32C7:05 Temperature 4

Temperature sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.6 32C7:06 Temperature 5

Temperature sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	-250.0

Description	Value
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.7 32C7:07 Temperature 6

Temperature sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.8 32C7:08 Temperature 7

Temperature sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.9 32C7:09 Temperature 8

Temperature sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

24.7.10 32C7:0A Temperature 9

Temperature sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.11 32C7:0B Resistance 0

Resistance sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.12 32C7:0C Resistance 1

Resistance sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.13 32C7:0D Resistance 2

Resistance sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.14 32C7:0E Resistance 3

Resistance sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.15 32C7:0F Resistance 4

Resistance sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.16 32C7:10 Resistance 5

Resistance sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)

Description	Value
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.17 32C7:11 Resistance 6

Resistance sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.18 32C7:12 Resistance 7

Resistance sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.19 32C7:13 Resistance 8

Resistance sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.20 32C7:14 Resistance 9

Resistance sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.7.21 32C7:15 Temperature Sensor Id

Id of the temperature sensor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x15
Datatype	ENUM (INT32)
Min. Value	
Default	TemperatureSensorId_NotDefined (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TemperatureSensorId_KTY_83_110
3 (0x03)	TemperatureSensorId_PT100
2 (0x02)	TemperatureSensorId_PT1000
1 (0x01)	TemperatureSensorId_KTY_84_130
0 (0x00)	TemperatureSensorId_NotDefined

24.8 32C8:x SynchronousMotor thermal model

These objects configure the motor thermal model.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.8.1 32C8:01 Motor thermal time constant

This object configures the time constant for the whole motor. If an electronic datasheet is available take "Motor thermal constant" and scale it to seconds.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	540.0
Max. Value	200000.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.8.2 32C8:02 Winding thermal time constant

This object configures the time constant of the copper winding only. If an electronic datasheet is available take "Time constant i^2T".

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	20.0
Max. Value	3600.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.8.3 32C8:03 Warning limit

This object shall configure the thermal motor utilization warning limit.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.8.4 32C8:04 Error limit

This object shall configure the thermal motor utilization error limit.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.8.5 32C8:05 Reaction

This object configures the reaction in case reaching the thermal motor utilization error limit.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	
Default	No_Reaction (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Reduction
1 (0x01)	Shut_down_on_error_level
0 (0x00)	No_Reaction

24.8.6 32C8:06 Partial fraction factor

This object describes the thermal resistor fraction factor of the motor.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	25.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.8.7 32C8:07 Model type

This object configures the model type for the thermal model.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	
Default	Calculation_of_total_winding_losses (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Calculation_of_separate_winding_losses
0 (0x00)	Calculation_of_total_winding_losses

24.9 32C9:x SynchronousMotor rotor slowdown procedure parameter

This object the parameters for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.9.1 32C9:06 Activation time

This object configures the first phase activation time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.9.2 32C9:0A Wait time after braking

This object configures the final wait time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.10 32CA:x SynchronousMotor info

This object contains information about the connected motor.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.10.1 32CA:01 Vendor

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.10.2 32CA:02 Order code

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.10.3 32CA:03 Electric type

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)

Description	Value
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.10.4 32CA:04 Serial number

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x04
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.10.5 32CA:05 Feedback serial number

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.11 32CB:x SynchronousMotor cogging compensation

These objects configure the cogging compensation.

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	36 (0x24)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.11.1 32CB:01 Cogging compensation control

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	Use_encoder_memory_cogging_comp_para_if_available (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	Cogging_comp_off
3 (0x03)	Use_startuplist_cogging_comp_para
2 (0x02)	Use_drive_memory_cogging_comp_para
1 (0x01)	Use_encoder_memory_cogging_comp_para
0 (0x00)	Use_encoder_memory_cogging_comp_para_if_available

24.11.2 32CB:02 Cogging compensation gain

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	2.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

24.11.3 32CB:03 Cogging compensation status

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Startuplist_para_are_in_use_and_displayed
2 (0x02)	Para_from_drive_memory_are_in_use_and_displayed
1 (0x01)	Para_from_encoder_memory_are_in_use_and_displayed
0 (0x00)	Compensation_off

24.11.4 32CB:04 Cogging compensation status encoder memory

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Valid_factory_settings
1 (0x01)	Valid
0 (0x00)	Not_valid

24.11.5 32CB:05 Cogging compensation status drive memory

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x05
Datatype	ENUM (UINT8)

Description	Value
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Valid_factory_settings
1 (0x01)	Valid
0 (0x00)	Not_valid

24.11.6 32CB:06 Cogging compensation status startup list

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Write_access_occured
0 (0x00)	No_write_access

24.11.7 32CB:07 Cogging compensation Coef 0 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.8 32CB:08 Cogging compensation Coef 0 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.9 32CB:09 Cogging compensation Coef 0 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.10 32CB:0A Cogging compensation Coef 1 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x0A
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.11 32CB:0B Cogging compensation Coef 1 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0

Description	Value
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.12 32CB:0C Cogging compensation Coef 1 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.13 32CB:0D Cogging compensation Coef 2 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x0D
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.14 32CB:0E Cogging compensation Coef 2 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

24.11.15 32CB:0F Cogging compensation Coef 2 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.16 32CB:10 Cogging compensation Coef 3 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x10
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.17 32CB:11 Cogging compensation Coef 3 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.18 32CB:12 Cogging compensation Coef 3 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.19 32CB:13 Cogging compensation Coef 4 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x13
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.20 32CB:14 Cogging compensation Coef 4 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.21 32CB:15 Cogging compensation Coef 4 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)

Description	Value
Subindex	0x15
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.22 32CB:16 Cogging compensation Coef 5 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x16
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.23 32CB:17 Cogging compensation Coef 5 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x17
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.24 32CB:18 Cogging compensation Coef 5 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x18
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.25 32CB:19 Cogging compensation Coef 6 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x19
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.26 32CB:1A Cogging compensation Coef 6 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x1A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.27 32CB:1B Cogging compensation Coef 6 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x1B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

24.11.28 32CB:1C Cogging compensation Coef 7 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x1C
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.29 32CB:1D Cogging compensation Coef 7 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x1D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.30 32CB:1E Cogging compensation Coef 7 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x1E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.31 32CB:1F Cogging compensation Coef 8 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x1F
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.32 32CB:20 Cogging compensation Coef 8 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x20
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.33 32CB:21 Cogging compensation Coef 8 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x21
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.34 32CB:22 Cogging compensation Coef 9 n

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)

Description	Value
Subindex	0x22
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.35 32CB:23 Cogging compensation Coef 9 phi

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x23
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.11.36 32CB:24 Cogging compensation Coef 9 r

ToDo

Description	Value
Index	MotorSlot: 0x32CB (Ch A)
Subindex	0x24
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12 32CC:x SynchronousMotor inductance characteristic

10 ordered pairs of numbers are describing the saturation of the differential inductance as a function of the torque/force producing current.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.12.1 32CC:01 Current 0

Current sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.2 32CC:02 Current 1

Current sampling point 2 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.3 32CC:03 Current 2

Current sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.4 32CC:04 Current 3

Current sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.5 32CC:05 Current 4

Current sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.6 32CC:06 Current 5

Current sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0

Description	Value
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.7 32CC:07 Current 6

Current sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.8 32CC:08 Current 7

Current sampling point 8 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.9 32CC:09 Current 8

Current sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

24.12.10 32CC:0A Current 9

Current sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.11 32CC:0B Inductance 0

Inductance sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.12 32CC:0C Inductance 1

Inductance sampling point 2 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.13 32CC:0D Inductance 2

Inductance sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.14 32CC:0E Inductance 3

Inductance sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.15 32CC:0F Inductance 4

Inductance sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.16 32CC:10 Inductance 5

Inductance sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)

Description	Value
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.17 32CC:11 Inductance 6

Inductance sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.18 32CC:12 Inductance 7

Inductance sampling point 8 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.19 32CC:13 Inductance 8

Inductance sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.12.20 32CC:14 Inductance 9

Inductance sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.13 32CD:x SynchronousMotor commutation offset command

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	MotorSlot: 0x32CD (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.13.1 32CD:01 Command

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	MotorSlot: 0x32CD (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.13.2 32CD:02 Status

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	MotorSlot: 0x32CD (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

24.13.3 32CD:03 Response

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	MotorSlot: 0x32CD (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.14 32CE:x SynchronousMotor commutation offset command parameters

This object contains parameters for commuation offset command.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.14.1 32CE:01 Static current vector: Method

This object configures the static current vector method.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	Measure_offset_with_free_movement_check_and_feedback_direction_check (0)
Default	Measure_offset_with_free_movement_check_and_feedback_direction_check (0)
Max. Value	Calibrate_offset_simple (4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	Calibrate_offset_simple
3 (0x03)	Calibrate_offset_with_free_movement_check_and_feedback_direction_check
2 (0x02)	Measure_offset_simple
1 (0x01)	Check_feedback_direction_and_relative_offset
0 (0x00)	Measure_offset_with_free_movement_check_and_feedback_direction_check

24.14.2 32CE:02 Static current vector: Current level

This object configures the static current vector current level in percent based on the motor standstill current (0x6075).

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	0

Description	Value
Default	1000 (0x03E8)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.14.3 32CE:03 Static current vector: Current slope

This object configures the static current vector current slope in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	10 (0x0000000A)
Default	10000 (0x00002710)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.14.4 32CE:04 Static current vector: Duration

This object configures the time the constant current vector is applied before the commutation offset is calculated.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	3.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.14.5 32CE:05 Static current vector: Initial moving distance per pole pair

This object configures the static current vector moving distance per pole pair before commutation offset calibration.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x05
Datatype	INT32
Min. Value	-36000 (0xFFFF7360)
Default	90 (0x0000005A)

Description	Value
Max. Value	36000 (0x00008CA0)
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.14.6 32CE:06 Static current vector: Test sequence moving distance per pole pair

This object configures the static current vector moving distance per pole pair for the test movement.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	0
Default	90 (0x005A)
Max. Value	360 (0x0168)
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.14.7 32CE:07 Static current vector: Velocity per pole pair

This object configures the static current vector velocity per pole pair for the test movement.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	6 (0x0006)
Default	30 (0x001E)
Max. Value	3600 (0x0E10)
Unit	°/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.15 32CF:x SynchronousMotor save cogging compensation data

With this command object the cogging compensation data can be saved.

Description	Value
Index	MotorSlot: 0x32CF (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.15.1 32CF:01 Command

With this command object the cogging compensation data can be saved.

Description	Value
Index	MotorSlot: 0x32CF (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.15.2 32CF:02 Status

With this command object the cogging compensation data can be saved.

Description	Value
Index	MotorSlot: 0x32CF (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

24.15.3 32CF:03 Response

With this command object the cogging compensation data can be saved.

Description	Value
Index	MotorSlot: 0x32CF (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.16 32D0:x SynchronousMotor sensorless control parameter

This object contains parameters for sensorless control operation.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	30 (0x1E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.16.1 32D0:01 Emf observer: Internal torque command standstil

This object configures the internal torque command during standstill in percent based on the motor standstill current (0x6075).

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x01
Datatype	UINT16
Min. Value	0
Default	200 (0x00C8)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.2 32D0:02 Emf observer: Internal torque command acceleration

This object configures the internal torque command during acceleration and decleration in percent based on the motor standstill current (0x6075).

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	600 (0x0258)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.3 32D0:03 Emf observer: Flux generating current slope 1

This object configures the flux generating current slope 1 in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	200 (0x000000C8)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.4 32D0:04 Emf observer: Flux generating current slope 2

This object configures the flux generating current slope 2 in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	10000 (0x00002710)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.5 32D0:05 Emf observer: Flux generating current slope 3

This object configures the flux generating current slope 3 in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x05
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	200 (0x000000C8)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.6 32D0:06 Emf observer: Current control loop proportional gain

This object contains the proportional gain of the flux generating current control loop during startup.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	30.0
Max. Value	
Unit	V/A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.7 32D0:07 Emf observer: Threshold speed enable FOC

This object configures the speed threshold at which the field oriented control is enabled.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	2800 (0x00000AF0)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.8 32D0:08 Emf observer: Threshold speed disable FOC

This object configures the speed threshold at which the field oriented control is disabled.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	2000 (0x000007D0)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.9 32D0:09 Emf observer: Timeout

This object configures the commutation angle adjustment attempt timeout.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.001
Default	10.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.10 32D0:0A Emf observer: Commutation angle adjustment

This object configures the commutation angle adjustment.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	5.0
Max. Value	200.0
Unit	rad/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.11 32D0:0B Emf observer: Commutation angle error limit

This object configures the commutation angle error limit.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.5
Max. Value	0.5
Unit	rad
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.12 32D0:0C Emf observer: Low pass frequency

This object configures the low pass frequency.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x0C
Datatype	UINT16
Min. Value	0
Default	300 (0x012C)
Max. Value	3000 (0x0BB8)
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.13 32D0:0D Emf observer: Bandwidth

This object configures the sensorless control observer bandwidth.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x0D
Datatype	UINT16
Min. Value	25 (0x0019)
Default	50 (0x0032)
Max. Value	1000 (0x03E8)
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.14 32D0:0E Emf observer: Damping

This object configures the sensorless control observer damping factor.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.2
Default	0.7
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.15 32D0:11 Inj observer: Mode

This object configures the excitation voltage mode.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x11
Datatype	ENUM (UINT16)

Description	Value
Min. Value	
Default	tInjModeExcitationPhaseAdjustment (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	tInjModeDebug
1 (0x01)	tInjModeSensorlessOperation
0 (0x00)	tInjModeExcitationPhaseAdjustment

24.16.16 32D0:12 Inj observer: Excitation Voltage

This object configures the excitation voltage magnitude.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	10.0
Max. Value	200.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.17 32D0:13 Inj observer: Excitation frequency

This object configures the excitation voltage frequency.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x13
Datatype	ENUM (UINT16)
Min. Value	
Default	InjFreq_2000_Hz (2)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	InjFreq_4000_Hz
2 (0x02)	InjFreq_2000_Hz
1 (0x01)	InjFreq_1000_Hz
0 (0x00)	InjFreq_500_Hz

24.16.18 32D0:14 Inj observer: Excitation phase

This object configures the excitation voltage phase adjustment.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x14
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	x * (360/65536)°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.19 32D0:15 Inj observer: Bandwidth1

This object configures the sensorless control observer bandwidth.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x15
Datatype	UINT16
Min. Value	1 (0x0001)
Default	25 (0x0019)
Max. Value	1000 (0x03E8)
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.20 32D0:16 Inj observer: Bandwidth2

This object configures the sensorless control observer bandwidth.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x16
Datatype	UINT16
Min. Value	1 (0x0001)
Default	25 (0x0019)
Max. Value	1000 (0x03E8)
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.21 32D0:17 Inj observer: Damping1

This object configures the sensorless control observer damping factor.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x17
Datatype	REAL32
Min. Value	0.2
Default	1.0
Max. Value	5.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.22 32D0:18 Inj observer: Damping2

This object configures the sensorless control observer damping factor.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x18
Datatype	REAL32
Min. Value	0.2
Default	1.0
Max. Value	5.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.23 32D0:19 Inj observer: Observer mode change velocity threshold

This object configures the speed threshold at which the observer mode is switched.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x19
Datatype	UINT32
Min. Value	
Default	1000 (0x000003E8)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.24 32D0:1A Inj observer: Observer mode change hysteresis

This object configures the hysteris for observer mode switching.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x1A

Description	Value
Datatype	UINT32
Min. Value	
Default	100 (0x00000064)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.25 32D0:1B Inj observer: Feedback Gain 1

This object configures the sensorless control feedback gain.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x1B
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	100.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.26 32D0:1C Inj observer: Feedback Gain 2

This object configures the sensorless control feedback gain.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x1C
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	100.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.27 32D0:1D Inj observer: Commutation angle error limit

This object configures the commutation angle error limit.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x1D
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	1.5

Description	Value
Unit	rad
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.16.28 32D0:1E Inj observer: Low pass frequency

This object configures the low pass frequency.

Description	Value
Index	MotorSlot: 0x32D0 (Ch A)
Subindex	0x1E
Datatype	UINT16
Min. Value	0
Default	50 (0x0032)
Max. Value	3000 (0x0BB8)
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.17 32D1:x SynchronousMotor field weakening parameter

This object contains parameters for field weakening operation.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.17.1 32D1:01 Mode

This object enables field weakening and configures the field weakening mode.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	Field_weakening_disabled (0)
Default	Field_weakening_disabled (0)
Max. Value	Basic_field_weakening (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Basic_field_weakening
0 (0x00)	Field_weakening_disabled

24.17.2 32D1:02 Current ratio

This object configures the maximal field weakening current based on the smaller value of motor and inverter rated current.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	6000 (0x1770)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.17.3 32D1:03 Voltage utilization

This object configures the voltage utilization set value in field weakening operation.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	0
Default	9500 (0x251C)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.17.4 32D1:04 Integral action time

This object configures the voltage controller integral action time.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0005
Default	0.005
Max. Value	1.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.17.5 32D1:05 Max field weakening current

This object shows the maximal field weakening current.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,01 A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.18 32D6:x SynchronousMotor lookup table data

This object contains motor specific data.

Description	Value
Index	MotorSlot: 0x32D6 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

24.18.1 32D6:01 DataArea1

Motor specific data.

Description	Value
Index	MotorSlot: 0x32D6 (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	00 00 00

Description	Value
	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	Value
	00 00 00

Description	Value
	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	Value
	00 00 00

Description	Value
	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.18.2 32D6:02 DataArea2

Motor specific data.

Description	Value
Index	MotorSlot: 0x32D6 (Ch A)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	Value
	00 00 00

24.19 32DF SynchronousMotor control mode

This object configures the control mode.

Description	Value
Index	MotorSlot: 0x32DF (Ch A)
Subindex	0x00
Datatype	ENUM (UINT16)
Min. Value	
Default	Sm_field_oriented_control_with_feedback (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	SynRm_field_oriented_control_with_inj_observer
2 (0x02)	SynRm_field_oriented_control_with_feedback
1 (0x01)	Sm_field_oriented_control_with_emf_observer
0 (0x00)	Sm_field_oriented_control_with_feedback

24.20 6075 Motor standstill current

This object indicates the motor standstill current (I_0). If an electronic datasheet is available "Standstill current" will be read and scaled to mA.

Description	Value
Index	0x6075 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mA
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.21 6076 Motor standstill torque

This object indicates the motor standstill torque (M_0)/force (F_c). If an electronic datasheet of the motor is available "Standstill current" (I_0) will be multiplied by the torque constant (K_t)/(K_f). The value is scaled to mNm/mN.

Description	Value
Index	0x6076 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mNm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

24.22 6080 Max motor speed

This object shall indicate the configured maximal allowed speed for the motor in either direction. It is used to protect the motor and is taken from the motor data sheet.

Description	Value
Index	0x6080 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	3000 (0x00000BB8)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25 Objects of module LinearMotor

25.1 1600:x LinearMotor Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

25.2 16E0:x LinearMotor Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.3 1A00:x LinearMotor Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

25.4 1AE0:x LinearMotor Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5 32C0:x LinearMotor parameters

This object contains parameters to configure the connected motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	27 (0x1B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.5.1 32C0:01 Configured motor type

This object indicates the configured motor type.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	not set
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.2 32C0:02 Pole pair distance

This object indicates the motor pole pair distance.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	100.0
Unit	m
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.3 32C0:03 Motor peak current

This object configures the motor peak current. If the electronic datasheet of the motor is available take "Peak current".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.4 32C0:04 Motor nominal voltage

This object configures the motor nominal voltage. If the electronic datasheet is available take "Nominal voltage" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.5 32C0:05 Motor max voltage

This object configures the motor max voltage. If the electronic datasheet is available take "Max voltage".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.6 32C0:06 Winding resistance R

This object configures the winding resistance R (phase to phase at 20°C). If the electronic datasheet is available take "Winding resistance Ph-Ph 20°C".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.7 32C0:07 Winding inductance Ld

This object configures the direct axis winding inductance Ld (phase to phase). If the electronic datasheet is available take "Ld Ph-Ph".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.8 32C0:08 Winding inductance Lq

This object configures the direct winding inductance Lq. If the electronic datasheet is available take "Lq Ph-Ph".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.9 32C0:09 Motor warning temperature

This object configures the motor temperature warning threshold. If the electronic datasheet is available take "T motor warn limit".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)

Description	Value
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.10 32C0:0A Motor shut down temperature

This object configures the motor temperature error threshold. If the electronic datasheet is available take "T motor err limit".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.11 32C0:0B Coil unit mass

This object configures the inertia of rotor including brake and encoder. If the electronic datasheet is available take "J motor with brake".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	kg
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.12 32C0:0C Motor rated speed

This object indicates the motor calculated speed. Its calculated from the motor parameters.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0C

Description	Value
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	m/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.13 32C0:0D Motor rated force

This object configures the motor rated force at rated speed. If the electronic datasheet is available take "Rated force" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.14 32C0:0E Commutation offset

This object configures the motor commutation offset. Beckhoff motors use the default value (0°).

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0E
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	x * (360/65536)°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.15 32C0:0F Motor temperature sensor connection

This object configures the motor temperature sensor type.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0F
Datatype	ENUM (INT16)

Description	Value
Min. Value	
Default	No_motor_temperature_switch_or_sensor (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Via_feedback_process_data_scaled_in_0_1K
2 (0x02)	Via_motor_cable_and_characteristic_table
1 (0x01)	Via_feedback_process_data_and_characteristic_table
0 (0x00)	No_motor_temperature_switch_or_sensor

25.5.16 32C0:10 Motor max voltage slope

This object configures the motor maximum winding voltage slope. If the electronic datasheet is available take "Max winding du/dt" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.17 32C0:16 Commutation offset source

This object configures the memory source of the "Offset position actual value".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x16
Datatype	ENUM (UINT16)
Min. Value	
Default	feedback_module (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	execute_static_current_vector_command
1 (0x01)	motor_parameter_commutation_offset

Enum Value	Description
0 (0x00)	feedback_module

25.5.18 32C0:17 Motor peak force

This object configures the motor peak torque. If the electronic datasheet of the motor is available take "Max Force".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x17
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.5.19 32C0:1A reserved_8

This object contains parameters to configure the connected motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x1A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.5.20 32C0:1B reserved_9

This object contains parameters to configure the connected motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x1B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.6 32C1:x LinearMotor actual values

This object contains actual values from this module.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.6.1 32C1:01 Actual motor I2T current limit

This object is to monitor the thermal motor I^2T model current limitation. If the estimated I^2T value exceeds the threshold value the current will be limited to motor I_0 (0x6075).

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.6.2 32C1:02 Thermal motor utilization

This object is to indicate the actual motor utilization.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.6.3 32C1:03 Estimated motor copper losses

Internal value for estimated motor copper losses.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.6.4 32C1:04 Estimated motor iron losses

Internal value for estimated motor iron losses.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.6.5 32C1:05 Motor I2T limitation active

This internal state indicates a current reduction due to the thermal motor model.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	limit_active
0 (0x00)	limit_off

25.6.6 32C1:06 Actual motor temperature

This object provides the measured motor winding temperature. It is usually acquired via the motor internal temperature sensor.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.6.7 32C1:0B Actual commutation offset

This object displays the actual motor commutation offset. Beckhoff motors use the default value (0°).

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	x * (360/65536)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.6.8 32C1:0C Is commutation offset valid

This object displays if the actual motor commutation offset is valid.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

25.6.9 32C1:0D Voltage controller demand value

Voltage controller demand voltage value.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.6.10 32C1:0E Voltage controller actual value

Voltage controller actual voltage value.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.6.11 32C1:0F reserved_5

Voltage controller actual voltage value.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.7 32C2:x LinearMotor force characteristic

This object describes the motor torque characteristic of a cold (40°C) motor. The torque as a function of current curve is approximated by a third order polynomial. Three pairs of values are required. Standstill current and torque, peak current and torque and a pair of values between standstill and peak. The values can be read from the motor electronic datasheet (XEDS file).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.7.1 32C2:01 Current 1

A current near the motor standstill current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (2nd current).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.7.2 32C2:02 Current 2

A current between standstill and peak current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (5th current).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

25.7.3 32C2:03 Current 3

The peak current of the motor should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (10th current).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.7.4 32C2:04 Force 1

A torque near the cold motor standstill torque should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (2nd torque).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.7.5 32C2:05 Force 2

A torque between standstill and peak should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (5th torque).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	N
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

25.7.6 32C2:06 Force 3

The torque at peak current of the cold motor should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (10th torque).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.7.7 32C2:07 Coeff A1

First coefficient of polynomial third order.

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.7.8 32C2:08 Coeff A2

Second coefficient of polynomial third order.

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.7.9 32C2:09 Coeff A3

Third coefficient of polynomial third order.

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.8 32C6:x LinearMotor commutation monitoring parameters

This object contains parameters to configure the Motor commutation monitoring

Description	Value
Index	MotorSlot: 0x32C6 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.8.1 32C6:01 Speed threshold

The minimum speed for detecting a commutation error is 'Max motor speed' (0x6080) multiplied by 'Speed threshold'

Description	Value
Index	MotorSlot: 0x32C6 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.8.2 32C6:02 Voltage threshold

The BEMF level for detecting a commutation error is 'Motor nominal voltage' (0x32C0:03) multiplied by 'Voltage threshold'

Description	Value
Index	MotorSlot: 0x32C6 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	2.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9 32C7:x LinearMotor temperature sensor characteristic

This object describes the R(T) curve of the motor winding temperature sensor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	21 (0x15)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.9.1 32C7:01 Temperature 0

Temperature sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.2 32C7:02 Temperature 1

Temperature sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.3 32C7:03 Temperature 2

Temperature sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.4 32C7:04 Temperature 3

Temperature sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.5 32C7:05 Temperature 4

Temperature sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.6 32C7:06 Temperature 5

Temperature sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	-250.0

Description	Value
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.7 32C7:07 Temperature 6

Temperature sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.8 32C7:08 Temperature 7

Temperature sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.9 32C7:09 Temperature 8

Temperature sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

25.9.10 32C7:0A Temperature 9

Temperature sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.11 32C7:0B Resistance 0

Resistance sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.12 32C7:0C Resistance 1

Resistance sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.13 32C7:0D Resistance 2

Resistance sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.14 32C7:0E Resistance 3

Resistance sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.15 32C7:0F Resistance 4

Resistance sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.16 32C7:10 Resistance 5

Resistance sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)

Description	Value
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.17 32C7:11 Resistance 6

Resistance sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.18 32C7:12 Resistance 7

Resistance sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.19 32C7:13 Resistance 8

Resistance sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.20 32C7:14 Resistance 9

Resistance sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.9.21 32C7:15 Temperature Sensor Id

Id of the temperature sensor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x15
Datatype	ENUM (INT32)
Min. Value	
Default	TemperatureSensorId_NotDefined (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TemperatureSensorId_KTY_83_110
3 (0x03)	TemperatureSensorId_PT100
2 (0x02)	TemperatureSensorId_PT1000
1 (0x01)	TemperatureSensorId_KTY_84_130
0 (0x00)	TemperatureSensorId_NotDefined

25.10 32C8:x LinearMotor thermal model

These objects configure the motor thermal model.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.10.1 32C8:01 Motor thermal time constant

This object configures the time constant for the whole motor. If an electronic datasheet is available take "Motor thermal constant" and scale it to seconds.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	540.0
Max. Value	200000.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.10.2 32C8:02 Winding thermal time constant

This object configures the time constant of the copper winding only. If an electronic datasheet is available take "Time constant i^2T".

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	20.0
Max. Value	3600.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.10.3 32C8:03 Warning limit

This object shall configure the thermal motor utilization warning limit.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.10.4 32C8:04 Error limit

This object shall configure the thermal motor utilization error limit.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.10.5 32C8:05 Reaction

This object configures the reaction in case reaching the thermal motor utilization error limit.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	
Default	No_Reaction (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Reduction
1 (0x01)	Shut_down_on_error_level
0 (0x00)	No_Reaction

25.10.6 32C8:06 Partial fraction factor

This object describes the thermal resistor fraction factor of the motor.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	25.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.10.7 32C8:07 Model type

This object configures the model type for the thermal model.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	
Default	Calculation_of_total_winding_losses (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Calculation_of_separate_winding_losses
0 (0x00)	Calculation_of_total_winding_losses

25.11 32C9:x LinearMotor rotor slowdown procedure parameter

This object the parameters for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.11.1 32C9:06 Activation time

This object configures the first phase activation time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.11.2 32C9:0A Wait time after braking

This object configures the final wait time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.12 32CA:x LinearMotor info

This object contains information about the connected motor.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.12.1 32CA:01 Vendor

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.12.2 32CA:02 Order code

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.12.3 32CA:03 Electric type

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)

Description	Value
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.12.4 32CA:04 Serial number

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x04
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.12.5 32CA:05 Feedback serial number

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.13 32CC:x LinearMotor inductance characteristic

10 ordered pairs of numbers are describing the saturation of the differential inductance as a function of the torque/force producing current.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.13.1 32CC:01 Current 0

Current sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.2 32CC:02 Current 1

Current sampling point 2 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.3 32CC:03 Current 2

Current sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.4 32CC:04 Current 3

Current sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.5 32CC:05 Current 4

Current sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.6 32CC:06 Current 5

Current sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0

Description	Value
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.7 32CC:07 Current 6

Current sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.8 32CC:08 Current 7

Current sampling point 8 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.9 32CC:09 Current 8

Current sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

25.13.10 32CC:0A Current 9

Current sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.11 32CC:0B Inductance 0

Inductance sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.12 32CC:0C Inductance 1

Inductance sampling point 2 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.13 32CC:0D Inductance 2

Inductance sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.14 32CC:0E Inductance 3

Inductance sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.15 32CC:0F Inductance 4

Inductance sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.16 32CC:10 Inductance 5

Inductance sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)

Description	Value
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.17 32CC:11 Inductance 6

Inductance sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.18 32CC:12 Inductance 7

Inductance sampling point 8 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.19 32CC:13 Inductance 8

Inductance sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.13.20 32CC:14 Inductance 9

Inductance sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.14 32CD:x LinearMotor commutation offset command

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	MotorSlot: 0x32CD (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.14.1 32CD:01 Command

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	MotorSlot: 0x32CD (Ch A)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.14.2 32CD:02 Status

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	MotorSlot: 0x32CD (Ch A)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent

Enum Value	Description
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent

Enum Value	Description
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent

Enum Value	Description
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

25.14.3 32CD:03 Response

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	MotorSlot: 0x32CD (Ch A)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.15 32CE:x LinearMotor commutation offset command parameters

This object contains parameters for commuation offset command.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.15.1 32CE:01 Static current vector: Method

This object configures the static current vector method.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	Measure_offset_with_free_movement_check_and_feedback_direction_check (0)
Default	Measure_offset_with_free_movement_check_and_feedback_direction_check (0)
Max. Value	Calibrate_offset_simple (4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	Calibrate_offset_simple
3 (0x03)	Calibrate_offset_with_free_movement_check_and_feedback_direction_check
2 (0x02)	Measure_offset_simple
1 (0x01)	Check_feedback_direction_and_relative_offset
0 (0x00)	Measure_offset_with_free_movement_check_and_feedback_direction_check

25.15.2 32CE:02 Static current vector: Current level

This object configures the static current vector current level per thousand of motor standstill current (0x6075).

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	1000 (0x03E8)

Description	Value
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.15.3 32CE:03 Static current vector: Current slope

This object configures the static current vector current slope in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	10 (0x0000000A)
Default	10000 (0x00002710)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.15.4 32CE:04 Static current vector: Duration

This object configures the time the constant current vector is applied before the commutation offset is calculated.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	3.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.15.5 32CE:05 Static current vector: Initial moving distance per pole pair

This object configures the static current vector moving distance per pole pair before commutation offset calibration.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x05
Datatype	INT32
Min. Value	-36000 (0xFFFF7360)
Default	90 (0x0000005A)
Max. Value	36000 (0x00008CA0)

Description	Value
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.15.6 32CE:06 Static current vector: Test sequence moving distance per pole pair

This object configures the static current vector moving distance per pole pair for the test movement.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x06
Datatype	UINT16
Min. Value	0
Default	90 (0x005A)
Max. Value	360 (0x0168)
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.15.7 32CE:07 Static current vector: Velocity per pole pair

This object configures the static current vector velocity per pole pair for the test movement.

Description	Value
Index	MotorSlot: 0x32CE (Ch A)
Subindex	0x07
Datatype	UINT16
Min. Value	6 (0x0006)
Default	30 (0x001E)
Max. Value	3600 (0x0E10)
Unit	°/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.16 32D1:x LinearMotor field weakening parameter

This object contains parameters for field weakening operation.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.16.1 32D1:01 Mode

This object enables field weakening and configures the field weakening mode.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	Field_weakening_disabled (0)
Default	Field_weakening_disabled (0)
Max. Value	Basic_field_weakening (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Basic_field_weakening
0 (0x00)	Field_weakening_disabled

25.16.2 32D1:02 Current ratio

This object configures the maximal field weakening current based on the smaller value of motor and inverter rated current.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	6000 (0x1770)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.16.3 32D1:03 Voltage utilization

This object configures the voltage utilization set value in field weakening operation.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	0
Default	9500 (0x251C)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.16.4 32D1:04 Integral action time

This object configures the voltage controller integral action time.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0005
Default	0.005
Max. Value	1.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.16.5 32D1:05 Max field weakening current

This object shows the maximal field weakening current.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,01 A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.17 32D3:x LinearMotor cogging compensation parameter

These objects configure the cogging compensation.

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.17.1 32D3:01 Control

ToDo

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	LinMotCoggingComp_off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	LinMotCoggingComp_on
0 (0x00)	LinMotCoggingComp_off

25.17.2 32D3:02 Gain

ToDo

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	2.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.17.3 32D3:03 Force limit

Max permissible cogging compensation force in percent of the peak force.

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	20.0
Max. Value	50.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.17.4 32D3:04 Dead time offset

Dead time offset

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	-10000.0
Default	0.0
Max. Value	10000.0
Unit	Âµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.17.5 32D3:05 Fading out start velocity

This cogging compensation starts fading out at this speed.

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	mm/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.17.6 32D3:06 Fading out end velocity

This cogging compensation is completely faded out at this speed.

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	mm/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.17.7 32D3:07 Connected TcCOM Object: Id

These objects configure the cogging compensation.

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.17.8 32D3:08 Connected TcCOM Object: Version

These objects configure the cogging compensation.

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.17.9 32D3:09 Active fading out start velocity

This cogging compensation starts fading out at this speed.

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	

Description	Value
Default	
Max. Value	
Unit	mm/s
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.17.10 32D3:0A Active fading out end velocity

This cogging compensation is completely faded out at this speed.

Description	Value
Index	MotorSlot: 0x32D3 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	mm/s
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.18 32D4:x LinearMotor cogging compensation actual values

This record contains mappable actual values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.18.1 32D4:01 Status

This record contains mappable actual values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D4 (Ch A)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
12 (0x0C)	CoggingComp_ErrInvalidScaling
11 (0x0B)	CoggingComp_ErrForceLimitExceeded
10 (0x0A)	CoggingComp_ErrPosDeviationExceeded
6 (0x06)	CoggingComp_OutOfPositionRange
5 (0x05)	CoggingComp_Active
4 (0x04)	CoggingComp_WaitOnEnable
3 (0x03)	CoggingComp_InfoDataReceived
2 (0x02)	CoggingComp_WaitOnInfoData
1 (0x01)	CoggingComp_PrerequisitesFulfilled
0 (0x00)	CoggingComp_Idle

25.18.2 32D4:02 Actual compensation force

This object indicates the unscaled cogging compensation torque/force value.

Description	Value
Index	MotorSlot: 0x32D4 (Ch A)
Subindex	0x02

Description	Value
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.18.3 32D4:03 Position difference

This record contains mappable actual values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D4 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.18.4 32D4:04 Data0

This record contains mappable actual values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D4 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

25.19 32D5:x LinearMotor cogging compensation demand values

This record contains mappable demand values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

25.19.1 32D5:01 Data0

This record contains mappable demand values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D5 (Ch A)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

25.19.2 32D5:02 Data1

This record contains mappable demand values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D5 (Ch A)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

25.19.3 32D5:03 Data2

This record contains mappable demand values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D5 (Ch A)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

25.19.4 32D5:04 Data3

This record contains mappable demand values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D5 (Ch A)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

25.19.5 32D5:05 Data4

This record contains mappable demand values of the cogging compensation module.

Description	Value
Index	MotorSlot: 0x32D5 (Ch A)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

25.20 32DF LinearMotor control mode

This object configures the control mode.

Description	Value
Index	MotorSlot: 0x32DF (Ch A)
Subindex	0x00
Datatype	ENUM (UINT16)
Min. Value	
Default	LinSm_field_oriented_control_with_feedback (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	LinSm_field_oriented_control_with_feedback

25.21 6075 Motor standstill current

This object indicates the motor standstill current (I_0). If an electronic datasheet is available "Standstill current" will be read and scaled to mA.

Description	Value
Index	0x6075 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mA
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.22 6076 Motor standstill force

This object indicates the motor standstill torque (M_0)/force (F_c). If an electronic datasheet of the motor is available "Standstill current" (I_0) will be multiplied by the torque constant (K_t)/(K_f). The value is scaled to mNm/mN.

Description	Value
Index	0x6076 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mN
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

25.23 6080 Max motor speed

This object shall indicate the configured maximal allowed speed for the motor in either direction. It is used to protect the motor and is taken from the motor data sheet.

Description	Value
Index	0x6080 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	3000 (0x00000BB8)
Max. Value	
Unit	0,1 Âµm/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26 Objects of module VoiceCoilMotor

26.1 1A00:x VoiceCoilMotor Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

26.2 1AE0:x VoiceCoilMotor Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3 32C0:x VoiceCoilMotor parameters

This object contains parameters to configure the connected motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	27 (0x1B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.3.1 32C0:01 Configured motor type

This object indicates the configured motor type.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	not set
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.2 32C0:03 Motor peak current

This object configures the motor peak current. If the electronic datasheet of the motor is available take "Peak current".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.3 32C0:04 Motor nominal voltage

This object configures the motor nominal voltage. If the electronic datasheet is available take "Nominal voltage" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.4 32C0:05 Motor max voltage

This object configures the motor max voltage. If the electronic datasheet is available take "Max voltage".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.5 32C0:06 Winding resistance R

This object configures the winding resistance R (phase to phase at 20°C). If the electronic datasheet is available take "Winding resistance Ph-Ph 20°C".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.6 32C0:08 Winding inductance L

This object configures the direct winding inductance Lq. If the electronic datasheet is available take "Lq Ph-Ph".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)

Description	Value
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.7 32C0:09 Motor warning temperature

This object configures the motor temperature warning threshold. If the electronic datasheet is available take "T motor warn limit".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.8 32C0:0A Motor shut down temperature

This object configures the motor temperature error threshold. If the electronic datasheet is available take "T motor err limit".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.9 32C0:0B Coil unit mass

This object configures the inertia of rotor including brake and encoder. If the electronic datasheet is available take "J motor with brake".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0B

Description	Value
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	kg
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.10 32C0:0C Motor rated speed

This object indicates the motor calculated speed. Its calculated from the motor parameters.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	m/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.11 32C0:0D Motor rated force

This object configures the motor rated force at rated speed. If the electronic datasheet is available take "Rated force" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.12 32C0:0F Motor temperature sensor connection

This object configures the motor temperature sensor type.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0F
Datatype	ENUM (INT16)

Description	Value
Min. Value	
Default	No_motor_temperature_switch_or_sensor (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Via_feedback_process_data_scaled_in_0_1K
2 (0x02)	Via_motor_cable_and_characteristic_table
1 (0x01)	Via_feedback_process_data_and_characteristic_table
0 (0x00)	No_motor_temperature_switch_or_sensor

26.3.13 32C0:10 Motor max voltage slope

This object configures the motor maximum winding voltage slope. If the electronic datasheet is available take "Max winding du/dt" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.3.14 32C0:17 Motor peak force

This object configures the motor peak torque. If the electronic datasheet of the motor is available take "Max Force".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x17
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.4 32C1:x VoiceCoilMotor actual values

This object contains actual values from this module.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.4.1 32C1:01 Actual motor I2T current limit

This object is to monitor the thermal motor I^2T model current limitation. If the estimated I^2T value exceeds the threshold value the current will be limited to motor I_0 (0x6075).

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

26.4.2 32C1:05 Motor I2T limitation active

This internal state indicates a current reduction due to the thermal motor model.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	limit_active
0 (0x00)	limit_off

26.4.3 32C1:06 Actual motor temperature

This object provides the measured motor winding temperature. It is usually acquired via the motor internal temperature sensor.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

26.5 32C2:x VoiceCoilMotor force characteristic

This object describes the motor torque characteristic of a cold (40°C) motor. The torque as a function of current curve is approximated by a third order polynomial. Three pairs of values are required. Standstill current and torque, peak current and torque and a pair of values between standstill and peak. The values can be read from the motor electronic datasheet (XEDS file).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.5.1 32C2:01 Current 1

A current near the motor standstill current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (2nd current).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.5.2 32C2:02 Current 2

A current between standstill and peak current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (5th current).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	

Description	Value
Revision	All

26.5.3 32C2:03 Current 3

The peak current of the motor should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (10th current).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.5.4 32C2:04 Force 1

A torque near the cold motor standstill torque should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (2nd torque).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.5.5 32C2:05 Force 2

A torque between standstill and peak should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (5th torque).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	N
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

26.5.6 32C2:06 Force 3

The torque at peak current of the cold motor should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (10th torque).

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.5.7 32C2:07 Coeff A1

First coefficient of polynomial third order.

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.5.8 32C2:08 Coeff A2

Second coefficient of polynomial third order.

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.5.9 32C2:09 Coeff A3

Third coefficient of polynomial third order.

Description	Value
Index	MotorSlot: 0x32C2 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.6 32C7:x VoiceCoilMotor temperature sensor characteristic

This object describes the R(T) curve of the motor winding temperature sensor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	21 (0x15)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.6.1 32C7:01 Temperature 0

Temperature sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.2 32C7:02 Temperature 1

Temperature sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.3 32C7:03 Temperature 2

Temperature sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.4 32C7:04 Temperature 3

Temperature sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.5 32C7:05 Temperature 4

Temperature sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.6 32C7:06 Temperature 5

Temperature sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	-250.0

Description	Value
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.7 32C7:07 Temperature 6

Temperature sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.8 32C7:08 Temperature 7

Temperature sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.9 32C7:09 Temperature 8

Temperature sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

26.6.10 32C7:0A Temperature 9

Temperature sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.11 32C7:0B Resistance 0

Resistance sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.12 32C7:0C Resistance 1

Resistance sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.13 32C7:0D Resistance 2

Resistance sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.14 32C7:0E Resistance 3

Resistance sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.15 32C7:0F Resistance 4

Resistance sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.16 32C7:10 Resistance 5

Resistance sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)

Description	Value
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.17 32C7:11 Resistance 6

Resistance sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.18 32C7:12 Resistance 7

Resistance sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.19 32C7:13 Resistance 8

Resistance sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.20 32C7:14 Resistance 9

Resistance sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.6.21 32C7:15 Temperature Sensor Id

Id of the temperature sensor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x15
Datatype	ENUM (INT32)
Min. Value	
Default	TemperatureSensorId_NotDefined (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TemperatureSensorId_KTY_83_110
3 (0x03)	TemperatureSensorId_PT100
2 (0x02)	TemperatureSensorId_PT1000
1 (0x01)	TemperatureSensorId_KTY_84_130
0 (0x00)	TemperatureSensorId_NotDefined

26.7 32C9:x VoiceCoilMotor rotor slowdown procedure parameter

This object the parameters for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.7.1 32C9:06 Activation time

This object configures the first phase activation time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.7.2 32C9:0A Wait time after braking

This object configures the final wait time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.8 32CA:x VoiceCoilMotor info

This object contains information about the connected motor.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.8.1 32CA:01 Vendor

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.8.2 32CA:02 Order code

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.8.3 32CA:03 Electric type

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)

Description	Value
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.8.4 32CA:04 Serial number

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x04
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.8.5 32CA:05 Feedback serial number

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.9 32CC:x VoiceCoilMotor inductance characteristic

10 ordered pairs of numbers are describing the saturation of the differential inductance as a function of the torque/force producing current.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

26.9.1 32CC:01 Current 0

Current sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.2 32CC:02 Current 1

Current sampling point 2 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.3 32CC:03 Current 2

Current sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.4 32CC:04 Current 3

Current sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.5 32CC:05 Current 4

Current sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.6 32CC:06 Current 5

Current sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0

Description	Value
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.7 32CC:07 Current 6

Current sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.8 32CC:08 Current 7

Current sampling point 8 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.9 32CC:09 Current 8

Current sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

26.9.10 32CC:0A Current 9

Current sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.11 32CC:0B Inductance 0

Inductance sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.12 32CC:0C Inductance 1

Inductance sampling point 2 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.13 32CC:0D Inductance 2

Inductance sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.14 32CC:0E Inductance 3

Inductance sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.15 32CC:0F Inductance 4

Inductance sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.16 32CC:10 Inductance 5

Inductance sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)

Description	Value
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.17 32CC:11 Inductance 6

Inductance sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.18 32CC:12 Inductance 7

Inductance sampling point 8 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.19 32CC:13 Inductance 8

Inductance sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.9.20 32CC:14 Inductance 9

Inductance sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	MotorSlot: 0x32CC (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.10 32DF VoiceCoilMotor control mode

This object configures the control mode.

Description	Value
Index	MotorSlot: 0x32DF (Ch A)
Subindex	0x00
Datatype	ENUM (UINT16)
Min. Value	
Default	VoiceCoil_current_control_with_feedback (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	VoiceCoil_current_control_with_feedback

26.11 6075 Motor standstill current

This object indicates the motor standstill current (I_0). If an electronic datasheet is available "Standstill current" will be read and scaled to mA.

Description	Value
Index	0x6075 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mA
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.12 6076 Motor standstill force

This object indicates the motor standstill torque (M_0)/force (F_c). If an electronic datasheet of the motor is available "Standstill current" (I_0) will be multiplied by the torque constant (K_t)/(K_f). The value is scaled to mNm/mN.

Description	Value
Index	0x6076 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mN
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

26.13 6080 Max motor speed

This object shall indicate the configured maximal allowed speed for the motor in either direction. It is used to protect the motor and is taken from the motor data sheet.

Description	Value
Index	0x6080 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	3000 (0x00000BB8)
Max. Value	
Unit	0,1 Âµm/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27 Objects of module AsynchronousMotor

27.1 1600:x AsynchronousMotor Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

27.2 16E0:x AsynchronousMotor Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.3 1A00:x AsynchronousMotor Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

27.4 1AE0:x AsynchronousMotor Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5 32C0:x AsynchronousMotor parameters

This object contains parameters to configure the connected motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	27 (0x1B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.5.1 32C0:01 Configured motor type

This object indicates the configured motor type.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	not set
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.2 32C0:02 Pole pairs

This object indicates the motor pole pairs.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	255 (0x00FF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.3 32C0:03 Motor peak current

This object configures the motor peak current. If the electronic datasheet of the motor is available take "Peak current".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.4 32C0:04 Motor nominal voltage

This object configures the motor nominal voltage. If the electronic datasheet is available take "Nominal voltage" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.5 32C0:05 Motor max voltage

This object configures the motor max voltage. If the electronic datasheet is available take "Max voltage".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.6 32C0:09 Motor warning temperature

This object configures the motor temperature warning threshold. If the electronic datasheet is available take "T motor warn limit".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)

Description	Value
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.7 32C0:0A Motor shut down temperature

This object configures the motor temperature error threshold. If the electronic datasheet is available take "T motor err limit".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.8 32C0:0B Motor moment of inertia

This object configures the inertia of rotor including brake and encoder. If the electronic datasheet is available take "J motor with brake".

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	kg m^2
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.9 32C0:0C Motor rated speed

This object indicates the motor calculated speed. Its calculated from the motor parameters.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0C

Description	Value
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.10 32C0:0D Motor rated torque

This object configures the motor rated torque at rated speed. If the electronic datasheet is available take "Rated torque" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.11 32C0:0F Motor temperature sensor connection

This object configures the motor temperature sensor type.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	No_motor_temperature_switch_or_sensor (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Via_feedback_process_data_scaled_in_0_1K
2 (0x02)	Via_motor_cable_and_characteristic_table
1 (0x01)	Via_feedback_process_data_and_characteristic_table
0 (0x00)	No_motor_temperature_switch_or_sensor

27.5.12 32C0:10 Motor max voltage slope

This object configures the motor maximum winding voltage slope. If the electronic datasheet is available take "Max winding du/dt" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.13 32C0:11 Max motor speed with max torque

see Documentation of AX5000

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	3200.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.14 32C0:12 Motor nominal frequency

This object configures the rated frequency of an induction motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	15.0
Default	50.0
Max. Value	
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.15 32C0:13 Motor rotor time constant

This object configures the motor maximum winding voltage slope. If the electronic datasheet is available take "Max winding du/dt" according to the selected mains voltage.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.16 32C0:14 Motor power factor

This object This configures the power factor at rated power of an induction motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.8
Max. Value	0.95
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.17 32C0:15 Motor magnetizing current

This object configures the rated magnetizing current for an induction motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x15
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.5.18 32C0:18 Uf control mode

This object configures the used voltage characteristic of the Uf open loop control mode.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x18
Datatype	ENUM (UINT16)
Min. Value	
Default	Uf_MotorParameters_and_Boost (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Uf_characteristic_curve
0 (0x00)	Uf_MotorParameters_and_Boost

27.5.19 32C0:1A reserved_8

This object contains parameters to configure the connected motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x1A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.5.20 32C0:1B reserved_9

This object contains parameters to configure the connected motor.

Description	Value
Index	MotorSlot: 0x32C0 (Ch A)
Subindex	0x1B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.6 32C1:x AsynchronousMotor actual values

This object contains actual values from this module.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.6.1 32C1:01 Actual motor I2T current limit

This object is to monitor the thermal motor I^2T model current limitation. If the estimated I^2T value exceeds the threshold value the current will be limited to motor I_0 (0x6075).

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.2 32C1:02 Thermal motor utilization

This object is to indicate the actual motor utilization.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.3 32C1:03 Estimated motor copper losses

Internal value for estimated motor copper losses.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.4 32C1:04 Estimated motor iron losses

Internal value for estimated motor iron losses.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.5 32C1:05 Motor I2T limitation active

This internal state indicates a current reduction due to the thermal motor model.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	limit_active
0 (0x00)	limit_off

27.6.6 32C1:06 Actual motor temperature

This object provides the measured motor winding temperature. It is usually acquired via the motor internal temperature sensor.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.7 32C1:07 VelocityVoltageGain

The Voltage per Velocity Gain.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V/rpm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.8 32C1:08 Stall protection velocity reduction

This object provides the output value of the stall protection controller.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	rpm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.9 32C1:09 Acceleration protection acceleration/deceleration reduction limit

This object provides the output value of the acceleration protection controller.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x09

Description	Value
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	x * 1 °/s^2
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.10 32C1:0A Slip actual value

This object provides the calculated slip at the actual velocity demand value.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	rpm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.11 32C1:0C reserved_2

This object displays if the actual motor commutation offset is valid.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

27.6.12 32C1:0D Voltage controller demand value

Voltage controller demand voltage value.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0D

Description	Value
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.13 32C1:0E Voltage controller actual value

Voltage controller actual voltage value.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.6.14 32C1:0F reserved_3

Voltage controller actual voltage value.

Description	Value
Index	MotorSlot: 0x32C1 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

27.7 32C3:x AsynchronousMotor parameters mappable

This object contains demand values to this module.

Description	Value
Index	MotorSlot: 0x32C3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.7.1 32C3:01 Boost voltage

This object is used to configure the boost voltage at low speed operation of an induction motor.

Description	Value
Index	MotorSlot: 0x32C3 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	20.0
Max. Value	100.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

27.7.2 32C3:02 Additional voltage scaling factor

This object might be used to reduce the frequency dependent voltage gain.

Description	Value
Index	MotorSlot: 0x32C3 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.01
Default	1.0
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

27.7.3 32C3:03 Voltage offset and gain adjustment

This object might be used to adjust the gain and the offset at standstill of the u/f-curve at the same time.

Description	Value
Index	MotorSlot: 0x32C3 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	100.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

27.7.4 32C3:04 Uf curve shift

This object might be used to shift the Uf-curve.

Description	Value
Index	MotorSlot: 0x32C3 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	-100.0
Default	0.0
Max. Value	100.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

27.8 32C4:x AsynchronousMotor acceleration protection parameters

These objects configure the motor acceleration protection controller.

Description	Value
Index	MotorSlot: 0x32C4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.8.1 32C4:01 Enable

This object enabled or disables the acceleration protection controller.

Description	Value
Index	MotorSlot: 0x32C4 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

27.8.2 32C4:02 Current limit value

This object configures the current limit value to control acceleration of an induction motor.

Description	Value
Index	MotorSlot: 0x32C4 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.8.3 32C4:03 Proportional gain

This object configures the proportional gain of the induction motor acceleration control loop.

Description	Value
Index	MotorSlot: 0x32C4 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	rad/s^2/A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.8.4 32C4:04 Integration time

This object configures the integral action time of the induction motor acceleration control loop.

Description	Value
Index	MotorSlot: 0x32C4 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.8.5 32C4:05 Lowest acceleration protection acceleration/deceleration reduction limit

This object provides lower limit for the output value of the acceleration protection controller.

Description	Value
Index	MotorSlot: 0x32C4 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	360.0
Max. Value	
Unit	x * 1 °/s^2
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.9 32C5:x AsynchronousMotor stall protection parameters

These objects configure the motor stall protection controller.

Description	Value
Index	MotorSlot: 0x32C5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.9.1 32C5:01 Enable

This object enabled or disables the stall protection controller.

Description	Value
Index	MotorSlot: 0x32C5 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

27.9.2 32C5:02 Current limit value

This object configures the current limit value for the induction motor stall protection control loop.

Description	Value
Index	MotorSlot: 0x32C5 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.9.3 32C5:03 Proportional gain

This object configures the proportional gain of the induction motor stall protection control loop.

Description	Value
Index	MotorSlot: 0x32C5 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	rad/s/A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.9.4 32C5:04 Integration time

This object configures the integral action time of the induction motor stall protection control loop.

Description	Value
Index	MotorSlot: 0x32C5 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10 32C7:x AsynchronousMotor temperature sensor characteristic

This object describes the R(T) curve of the motor winding temperature sensor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	21 (0x15)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.10.1 32C7:01 Temperature 0

Temperature sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.2 32C7:02 Temperature 1

Temperature sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.3 32C7:03 Temperature 2

Temperature sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.4 32C7:04 Temperature 3

Temperature sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.5 32C7:05 Temperature 4

Temperature sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.6 32C7:06 Temperature 5

Temperature sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	-250.0

Description	Value
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.7 32C7:07 Temperature 6

Temperature sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.8 32C7:08 Temperature 7

Temperature sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.9 32C7:09 Temperature 8

Temperature sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

27.10.10 32C7:0A Temperature 9

Temperature sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.11 32C7:0B Resistance 0

Resistance sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.12 32C7:0C Resistance 1

Resistance sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.13 32C7:0D Resistance 2

Resistance sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.14 32C7:0E Resistance 3

Resistance sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.15 32C7:0F Resistance 4

Resistance sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.16 32C7:10 Resistance 5

Resistance sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)

Description	Value
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.17 32C7:11 Resistance 6

Resistance sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.18 32C7:12 Resistance 7

Resistance sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.19 32C7:13 Resistance 8

Resistance sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.20 32C7:14 Resistance 9

Resistance sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.10.21 32C7:15 Temperature Sensor Id

Id of the temperature sensor.

Description	Value
Index	MotorSlot: 0x32C7 (Ch A)
Subindex	0x15
Datatype	ENUM (INT32)
Min. Value	
Default	TemperatureSensorId_NotDefined (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TemperatureSensorId_KTY_83_110
3 (0x03)	TemperatureSensorId_PT100
2 (0x02)	TemperatureSensorId_PT1000
1 (0x01)	TemperatureSensorId_KTY_84_130
0 (0x00)	TemperatureSensorId_NotDefined

27.11 32C8:x AsynchronousMotor thermal model

These objects configure the motor thermal model.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.11.1 32C8:01 Motor thermal time constant

This object configures the time constant for the whole motor. If an electronic datasheet is available take "Motor thermal constant" and scale it to seconds.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	540.0
Max. Value	200000.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.11.2 32C8:02 Winding thermal time constant

This object configures the time constant of the copper winding only. If an electronic datasheet is available take "Time constant i^2T".

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	20.0
Max. Value	3600.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.11.3 32C8:03 Warning limit

This object shall configure the thermal motor utilization warning limit.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.11.4 32C8:04 Error limit

This object shall configure the thermal motor utilization error limit.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.11.5 32C8:05 Reaction

This object configures the reaction in case reaching the thermal motor utilization error limit.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	
Default	No_Reaction (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Reduction
1 (0x01)	Shut_down_on_error_level
0 (0x00)	No_Reaction

27.11.6 32C8:06 Partial fraction factor

This object describes the thermal resistor fraction factor of the motor.

Description	Value
Index	MotorSlot: 0x32C8 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	25.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.12 32C9:x AsynchronousMotor rotor slowdown procedure parameter

This object the parameters for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.12.1 32C9:01 Available for

This object configures the drive states in which this procedure shall be active.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	Activate_for_error_reaction (0)
Default	Activate_for_error_reaction (0)
Max. Value	Activate_for_error_reaction_and_Uf_control_during_standstill_without_time_limitation (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Activate_for_error_reaction_and_Uf_control_during_standstill_without_time_limitation
1 (0x01)	Activate_for_error_reaction_and_Uf_control_during_standstill_with_time_limitation
0 (0x00)	Activate_for_error_reaction

27.12.2 32C9:02 Command mode

This object selects the active current level.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x02
Datatype	ENUM (UINT16)
Min. Value	DC_Brake_with_configured_channel_current (0)
Default	DC_Brake_with_configured_channel_current (0)
Max. Value	DC_Brake_with_current_level_from_this_record (2)
Unit	
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DC_Brake_with_current_level_from_this_record
1 (0x01)	DC_Brake_with_torque_command
0 (0x00)	DC_Brake_with_configured_channel_current

27.12.3 32C9:03 Current level

This object configures the current level for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	0
Default	500 (0x01F4)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.12.4 32C9:04 Current slope

This object configures the current slope for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	200.0
Max. Value	
Unit	A/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.12.5 32C9:05 Wait time before braking

This object configures the initial wait time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.12.6 32C9:06 First phase activation time with f=f1

This object configures the first phase activation time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.12.7 32C9:07 Rotary field frequency f1

This object configures the rotary field for the first phase of the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	5.0
Max. Value	1000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.12.8 32C9:08 Rotor slowdown mode

This object configures the rotor slowdown mode.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x08
Datatype	ENUM (UINT16)
Min. Value	Slowdown_without_changing_the_direction_of_the_rotary_field (0)
Default	Slowdown_without_changing_the_direction_of_the_rotary_field (0)
Max. Value	Slowdown_with_changing_the_direction_of_the_rotary_field (1)
Unit	

Description	Value
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Slowdown_with_changing_the_direction_of_the_rotary_field
0 (0x00)	Slowdown_without_changing_the_direction_of_the_rotary_field

27.12.9 32C9:09 Second phase activation time with f=0Hz

This object configures the second phase activation time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.12.10 32C9:0A Wait time after braking

This object configures the final wait time for the rotor slowdown procedure.

Description	Value
Index	MotorSlot: 0x32C9 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.13 32CA:x AsynchronousMotor info

This object contains information about the connected motor.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.13.1 32CA:01 Vendor

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.13.2 32CA:02 Order code

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.13.3 32CA:03 Electric type

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)

Description	Value
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.13.4 32CA:04 Serial number

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x04
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.13.5 32CA:05 Feedback serial number

This object indicates the connected motor type.

Description	Value
Index	MotorSlot: 0x32CA (Ch A)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.14 32D1:x AsynchronousMotor field weakening parameter

This object contains parameters for field weakening operation.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.14.1 32D1:01 Mode

This object enables field weakening and configures the field weakening mode.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	Open_loop_basic_field_weakening (0)
Default	Open_loop_basic_field_weakening (0)
Max. Value	Closed_loop_basic_field_weakening (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Closed_loop_basic_field_weakening
0 (0x00)	Open_loop_basic_field_weakening

27.14.2 32D1:02 Current ratio

This object configures the maximal field weakening current based on the smaller value of motor and inverter rated current.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	6000 (0x1770)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.14.3 32D1:03 Voltage utilization

This object configures the voltage utilization set value in field weakening operation.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x03
Datatype	UINT16
Min. Value	0
Default	9500 (0x251C)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.14.4 32D1:04 Integral action time

This object configures the voltage controller integral action time.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0005
Default	0.005
Max. Value	1.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.14.5 32D1:05 Max field weakening current

This object shows the maximal field weakening current.

Description	Value
Index	MotorSlot: 0x32D1 (Ch A)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,01 A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.15 32D2:x AsynchronousMotor voltage characteristic

10 ordered pairs of numbers are describing the voltage output as a function of the output frequency.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

27.15.1 32D2:01 Speed 0

Speed sampling point 1 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.2 32D2:02 Speed 1

Speed sampling point 2 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.3 32D2:03 Speed 2

Speed sampling point 3 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.4 32D2:04 Speed 3

Speed sampling point 4 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.5 32D2:05 Speed 4

Speed sampling point 5 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.6 32D2:06 Speed 5

Speed sampling point 6 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0

Description	Value
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.7 32D2:07 Speed 6

Speed sampling point 7 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.8 32D2:08 Speed 7

Speed sampling point 8 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.9 32D2:09 Speed 8

Speed sampling point 9 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw

Description	Value
PDO Mapping	
Revision	All

27.15.10 32D2:0A Speed 9

Speed sampling point 10 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.11 32D2:0B Voltage 0

Voltage sampling point 1 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.12 32D2:0C Voltage 1

Voltage sampling point 2 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.13 32D2:0D Voltage 2

Voltage sampling point 3 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.14 32D2:0E Voltage 3

Voltage sampling point 4 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.15 32D2:0F Voltage 4

Voltage sampling point 5 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.16 32D2:10 Voltage 5

Voltage sampling point 6 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)

Description	Value
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.17 32D2:11 Voltage 6

Voltage sampling point 7 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.18 32D2:12 Voltage 7

Voltage sampling point 8 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.19 32D2:13 Voltage 8

Voltage sampling point 9 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0

Description	Value
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.15.20 32D2:14 Voltage 9

Voltage sampling point 10 of the V(f) curve of the motor.

Description	Value
Index	MotorSlot: 0x32D2 (Ch A)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.16 32DF AsynchronousMotor control mode

This object configures the control mode.

Description	Value
Index	MotorSlot: 0x32DF (Ch A)
Subindex	0x00
Datatype	ENUM (UINT16)
Min. Value	
Default	Asm_uf_control (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Asm_field_oriented_control_with_feedback
0 (0x00)	Asm_uf_control

27.17 6075 Motor standstill current

This object indicates the motor standstill current (I_0). If an electronic datasheet is available "Standstill current" will be read and scaled to mA.

Description	Value
Index	0x6075 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mA
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.18 6076 Motor standstill torque

This object indicates the motor standstill torque (M_0)/force (F_c). If an electronic datasheet of the motor is available "Standstill current" (I_0) will be multiplied by the torque constant (K_t)/(K_f). The value is scaled to mNm/mN.

Description	Value
Index	0x6076 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mNm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

27.19 6080 Max motor speed

This object shall indicate the configured maximal allowed speed for the motor in either direction. It is used to protect the motor and is taken from the motor data sheet.

Description	Value
Index	0x6080 (Ch A)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	3000 (0x00000BB8)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

28 Objects of module AxisDebug

28.1 1600:x AxisDebug Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

28.2 16E0:x AxisDebug Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

28.3 1A00:x AxisDebug Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

28.4 1AE0:x AxisDebug Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

28.5 33E1:x Memory000

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E1 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

28.6 33E2:x Memory400

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E2 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

28.7 33E3:x Memory800

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E3 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

28.8 33E4:x MemoryC00

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E4 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

28.9 33E5:x DebugIn

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E5 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

28.9.1 33E5:02 InDebugf1

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E5 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

28.9.2 33E5:03 InDebugf2

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E5 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

28.9.3 33E5:04 InDebugf3

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E5 (Ch A)

Description	Value
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

28.9.4 33E5:05 InDebugf4

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E5 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

28.10 33E6:x DebugOut

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E6 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

28.10.1 33E6:02 OutDebug1

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E6 (Ch A)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

28.10.2 33E6:03 OutDebug2

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E6 (Ch A)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

28.10.3 33E6:04 OutDebug3

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E6 (Ch A)

Description	Value
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

28.10.4 33E6:05 OutDebug4

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E6 (Ch A)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

28.11 33E7:x DynTestIn

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E7 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

28.11.1 33E7:01 In32

Dynamic test input

Description	Value
Index	AxisDebugSlot: 0x33E7 (Ch A)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

28.12 33E8:x DynTestOut

internal use only

Description	Value
Index	AxisDebugSlot: 0x33E8 (Ch A)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

28.12.1 33E8:01 Out32

Dynamic test output

Description	Value
Index	AxisDebugSlot: 0x33E8 (Ch A)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Trademark statements

Beckhoff®, TwinCAT®, TwinCAT/BSD®, TC/BSD®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, Safety over EtherCAT®, TwinSAFE®, XFC®, XTS® and XPlanar® are registered trademarks of and licensed by Beckhoff Automation GmbH.

Third-party trademark statements

BiSS is a trademark of IC Haus GmbH.

EnDat is a trademark of Dr. Johannes Heidenhain GmbH.

More Information:
www.beckhoff.com/ax8000

Beckhoff Automation GmbH & Co. KG
Hülshorstweg 20
33415 Verl
Germany
Phone: +49 5246 9630
info@beckhoff.com
www.beckhoff.com