

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E172151  
**Report Reference** E172151-20070727  
**Issue Date** 2020-MAY-11

**Issued to:** Beckhoff Automation GmbH & Co. KG  
Huelshorstweg 20,  
33415 Verl GERMANY

**This certificate confirms that representative samples of** PROGRAMMABLE CONTROLLERS  
See Addendum Page

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL508 Industrial Control Equipment,  
CSA C22 No. 142 Process Control Equipment

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Open type, Programmable controller, BECKHOFF GmbH  
 EtherCAT Bus Terminal System, series EK, EL or ES, consisting of the following modules/Cat. Nos.:

Models series ES represent models series EL except for detachable terminals as described in this procedure, e.g. ES1002 represents EL1002, etc.

	Cat. Nos.
BECKHOFF EtherCAT Bus Terminal System	complete system
Bus Coupler	EK1100, EK1100-0008, EK1101, EK1100-0018
Extension Module	EK1110
Ethercat Junction Module	EK1122, EK1122-0008
Digital Input Module	EL1002, EL1004, EL1008, EL1012, EL1014, EL1018, EL1024, EL1034, EL1084, EL1088, EL1094, EL1098, EL1104, EL1114, EL1134, EL1144, EL1202, EL1252, EL1252-0050 ES1002, ES1004, ES1008, ES1012, ES1014, ES1018, ES1024, ES1034, ES1084, ES1088, ES1094, ES1098, ES1104, ES1134, ES1144, ES1202, ES1252, ES1114, EL1004-0020
Digital Input Module	EL1124, EL1262, EL1262-0050 ES1124, ES1262
Digital Input Module	EL1502, EL1512, ES1502, ES1512
Digital Input Module	EL1904
Digital Output Module	EL2002, EL2004, EL2008, ES2002, ES2004, ES2008
Digital Output Module	EL2022, EL2024, EL2024-0010, EL2032, EL2034, ES2022, ES2024, ES2032, ES2034
Digital Output Module	EL2084, EL2088, ES2084, ES2088
Digital Output Module	EL2124, ES2124
Digital Output Module (Pulse Train)	EL2521, EL2521-0024, EL2521-0025, EL2521-0124 ES2521
Digital Output Module (pwm)	EL2535, EL2535-0002, EL2535-0050



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	ES2535
Relay Output Module	EL2602, EL2612, EL2622, ES2602, ES2612, ES2622
Relay Output Module	EL2634 ES2634
Digital Output Module	EL2904, EL2902
Compact controller with digital inputs and digital outputs	EK1960
Analog Input Module	EL3001, EL3002, EL3004, EL3008, EL3041, EL3042, EL3044, EL3051, EL3052, EL3054, EL3058, EL3061, EL3062, EL3062- 0030, EL3064, EL3068, ES3001, ES3002, ES3004, ES3008, ES3041, ES3042, ES3044, ES3051, ES3052, ES3054, ES3058, ES3061, ES3062, ES3064, ES3068
Analog Input Module	EL3011, EL3012, EL3014, EL3021, EL3022, EL3024, EL3048, EL3101, EL3102, EL3104, EL3111, EL3112, EL3114, EL3121, EL3122, EL3124, EL3141, EL3142, EL3144, EL3151, EL3152, EL3154, EL3161, EL3162, EL3164, EL3174, EL3174-0002, EL3702, EL3742, ES3011, ES3012, ES3014, ES3021, ES3022, ES3024, ES3048, ES3101, ES3102, ES3104, ES3111, ES3112, ES3114, ES3121, ES3122, ES3124, ES3141, ES3142, ES3144, ES3151, ES3152, ES3154, ES3161, ES3162, ES3164, ES3702, ES3742
Analog Input Module	EL3201, EL3202, EL3204, EL3208, EL3214, EL3255, EL3311, EL3312, EL3314, EL3318, EL3351, EL3356, EL3602, EL3612, EL3632, EL3692, EL3204-0018 ES3201, ES3202, ES3204, ES3351, ES3356
Analog Output Module	EL4132, EL4102, EL4112, EL4122 ES4132, ES4102, ES4112, ES4122
Analog Output Module	EL4001, EL4002, EL4004, EL4008 EL4011, EL4012, EL4014, EL4018, EL4021, EL4022, EL4024, EL4028, EL4031, EL4032, EL4034, EL4038, EL4104, EL4114, EL4124, EL4134, EL4712, EL4732  ES4001, ES4002, ES4004, ES4008 ES4011, ES4012, ES4014, ES4018, ES4021, ES4022, ES4024, ES4028, ES4031, ES4032, ES4034, ES4038, ES4104, ES4114, ES4124, ES4134, ES4712, ES4732
Interface Module	EL5101 ES5101
Interface Module	EL5151, EL5152



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Interface Module	ES5151, ES5152 EL5001, EL5002, EL6001, EL6021, EL6851 ES5001, ES6001, ES6021, ES6851
Interface Module	EL6002, EL6022, EL6731, EL6601, EL6631, EL6632, EL6652, EL6688, EL6614, EL6720, EL6751, EL6740 EL6752, EK1521, EK1561, EL6861
Communication Module	EL6900, EL6910, EL6930
System Module	EL9011
Supply Module	EL9100, ES9100
Bus Supply Module	EL9400, ES9400
Bus Supply Module	EL9150, EL9160, EL9180, EL9185, EL9190, EL9195, ES9180, ES9185, ES9190, ES9195
Bus Supply Terminal	EL9186, EL9187, ES9186, ES9187
EMC shield terminal	EL9070
End Module	EL9010, EL9080
Measurement Module	EL3403, ES3403
Memory Module	EL6080, EL6070
Digital Input Module	EL1804, EL1808, EL1809, EL1814, EL1819, EL1889
Digital Input Module	EL1862, EL1872
Digital Input/Output Module	EL1859
Digital sensor input/output module	EL6224
Potential distribution modules	EL9184, EL9188, EL9189, EL9181, EL9182, EL9183
Surge Filtering Module	EL9540, EL9550
Digital output module	EL2808, EL2809
Digital input/output module	EL2872
Digital output module	EL2889
Bus supply module	EL9410, EL9410-0018
Supply module	EL9200, EL9210, EL9210-0018
Bus Coupler with integrated Digital I/O	EK1814, EK1818, EK1828
Bus Coupler with integrated Digital I/O	EK1914
Measuring modules	EL3413, EL3433
Digital input/output module	EL1259
Digital output module	EL2202, ES2202
Digital output module	EL2258
Digital output module	EL2262, ES2262
Relay output module	EL2624, ES2624
Relay output module	EL2652, ES2652
Digital output module	EL2784, EL2794
Digital output module	EL2788, EL2798



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Digital output module	EL2819
Digital output module	EL2828
Monitoring module	EL3773
EtherCAT bridge	EL6692, EL6695
Supply module [eng. note – not for E-bus]	EL9505, EL9508, EL9510, EL9512, EL9515 ES9505, ES9508, ES9510, ES9512, ES9515
Supply module [eng. note – not for E-bus]	EL9560
Fan module	ZB8610
Digital input module	EL1258
Digital input module	EL1382, ES1382
Digital Output Module (Pulse Train)	EL2522
Analog multifunctional input module	EL3751
Encoder interface	EL5021, ES5021, EL5032
Display module with switch	EL6090
Pressure measurements module	EM3701, EM3702, EM3712
Analog input module	ELM3002, ELM3004, ELM3102, ELM3104, ELM3142, ELM3144, ELM3146, ELM3148, ELM3502, ELM3504, ELM3602, ELM3604, ELM3702, ELM3704
End module	ELM9012
Power supply ELX	ELX9560
Digital input ELX	ELX1052, ELX1054
Digital output ELX	ELX2002
Analog input ELX	ELX3152, ELX3181, ELX3202, ELX3204, ELX3312, ELX3314, ELX3351
Analog output ELX	ELX4181
Incremental encoder ELX	ELX5151
Bus end module	ELX9012, EL9012
EBUS power supply ELX	ELX9410
Digital input module	EL1918
Potential supply terminal	EL2911
Digital output	EL2912
Digital input	EL1052, EL1054 ES1052, ES1054
Relay Output	EL2602-0010, EL2622-0010 ES2602-0010, ES2622-0010
Digital input / Digital Output module	EL1852
Digital Output module	EL2878-0005
Interface module	EL5042
Analog input module	EL3182, ES3182

All Cat. Nos. may have suffix /...-... where. denotes any letter and/or number.



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