

Certificate of Compliance

Certificate Number:

UL-US-L172151-11-
11211002-1

Report Reference:

E172151-20011211

Issue Date:

2025-06-05

Issued to:

Beckhoff Automation GmbH & Co. KG
Huelshorstweg 20, Verl, 33415, DE

This certificate confirms that representative samples of:

NRAQ - Programmable Controllers

See Addendum Page for Product Designation(s).

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

UL 508, 18th Ed., Issue Date: 2018-03-30, Revision Date: 2021-07-08

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance 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.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L172151-11-11211002-1
Report reference E172151-20011211
Date 2025-06-05

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Beckhoff I/O system open type analog input modules

Model(s): KL3001, KL3002, KL3011, KL3012, KL3021, KL3022, KL3041, KL3042, KL3044, KL3051, KL3052, KL3054, KL3061, KL3062, KL3064, KL3102, KL3112, KL3122, KL3132, KL3142, KL3152, KL3162, KL3172, KL3182, KL3201, KL3202, KL3204, KL3222, KL3302, KL3311, KL3312, KL3314, KL3351, KL3356, KL3361, KL3362, KL3404, KL3408, KL3444, KL3448, KL3454, KL3458, KL3464, KL3468, KS3001, KS3002, KS3011, KS3012, KS3021, KS3022, KS3041, KS3042, KS3044, KS3051, KS3052, KS3054, KS3061, KS3062, KS3064, KS3102, KS3112, KS3122, KS3132, KS3142, KS3152, KS3162, KS3172, KS3182, KS3201, KS3202, KS3204, KS3222, KS3302, KS3314, KS3351, KS3356, KS3361, KS3362, KS3404, KS3408, KS3444, KS3448, KS3454, KS3458, KS3464, KS3468

Beckhoff I/O system open type analog output modules

Model(s): KL3228, KL4001, KL4002, KL4004, KL4011, KL4012, KL4021, KL4022, KL4031, KL4032, KL4034, KL4112, KL4132, KL4404, KL4408, KL4414, KL4418, KL4424, KL4428, KL4434, KL4438, KL4494, KS3228, KS4001, KS4002, KS4004, KS4011, KS4012, KS4021, KS4022, KS4031, KS4032, KS4034, KS4112, KS4132, KS4404, KS4408, KS4414, KS4418, KS4424, KS4428, KS4434, KS4438, KS4494

Beckhoff I/O system open type bus couplers

Model(s): BC2000, BC3100, BC4000, BC7300, BC8000, BC8100, BC9000, BC9020, BC9050, BC9120, BK1120, BK1250, BK2000, BK2010, BK2020, BK2500, BK3000, BK3010, BK3100, BK3110, BK3120, BK3500, BK3520, BK4000, BK4010, BK4020, BK4500, BK5000, BK5010, BK5100, BK5110, BK5120, BK5200, BK5210, BK5220, BK6000, BK6010, BK7000, BK7200, BK7300, BK7400, BK7500, BK7520, BK8000, BK8010, BK8100, BK8110, BK9000, BK9050, BK9100, BK9103, BK9105, BK9500, EK1501, LC3100, LC5100, LC5200

Beckhoff I/O system open type bus supply modules

Model(s): KL9400, KL9505, KL9508, KL9510, KL9512, KL9515, KL9560, KS9400, KS9505, KS9508, KS9510, KS9512, KS9515, KS9560

Beckhoff I/O system open type compact bus couplers

Model(s): BC3150, BC5150, BC5250, BC8050, BC8150, BK3150, BK5150, BK5151, BK5250, BK7150, BK7350, BK9053, BK9055

Beckhoff I/O system open type counter modules

Model(s): KL1501, KL1512, KS1501, KS1512

Beckhoff I/O system open type digital input-modules

Model(s): KL1002, KL1012, KL1032, KL1052, KL1104, KL1114, KL1124, KL1154, KL1164, KL1184, KL1194, KL1202, KL1212, KL1232, KL1302, KL1304, KL1312, KL1314, KL1352, KL1362, KL1382, KL1402, KL1404, KL1408, KL1412, KL1414, KL1418, KL1434, KL1488, KL1498, KL1702, KL1704, KL1712, KL1722, KL1804, KL1808, KL1809, KL1814, KL1819, KL1859, KL1862, KL1872, KL1889, KL1904, KL1908, KL9150, KL9160, KS1002, KS1012, KS1032, KS1052, KS1104, KS1114, KS1124, KS1154, KS1164, KS1184, KS1194, KS1202, KS1212, KS1232, KS1302, KS1304, KS1312, KS1314, KS1352, KS1362, KS1382, KS1404, KS1408, KS1412, KS1414, KS1418, KS1434, KS1488, KS1498, KS1702, KS1712, KS1722, KS1904, KS9150, KS9160

Beckhoff I/O system open type digital output-modules

Model(s): KL2012, KL2022, KL2032, KL2114, KL2124, KL2134, KL2184, KL2212, KL2404, KL2408, KL2424, KL2488, KL2521, KL2808, KL2809, KL2872, KL2889, KL2904, KS2012, KS2022, KS2032, KS2114, KS2124, KS2134, KS2184, KS2212, KS2404, KS2408, KS2424, KS2488, KS2904



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L172151-11-11211002-1
Report reference E172151-20011211
Date 2025-06-05

Beckhoff I/O system open type end modules

Model(s): KL9010, KL9020, KL9070, KL9080, KL9180, KL9184, KL9185, KL9186, KL9187, KL9188, KL9189, KL9190, KL9195, KL9540, KL9550, KS9010, KS9080, KS9180, KS9185, KS9186, KS9187, KS9190, KS9195

Beckhoff I/O system open type interface modules

Model(s): KL5001, KL5051, KL5101, KL5111, KL5121, KL5151, KL5152, KL6001, KL6011, KL6021, KL6031, KL6041, KL6051, KL6211, KL6511, KL6581, KL6771, KL6781, KL6811, KL6904, KS5001, KS5051, KS5101, KS5111, KS5121, KS5151, KS5152, KS6001, KS6011, KS6021, KS6031, KS6041, KS6051, KS6771, KS6811

Beckhoff I/O system open type measurement modules

Model(s): KL3403

Beckhoff I/O system open type modules

Model(s): BK1150, EK1501-0018, EK1541, KL1712-0060, KL1862-0010, KL2521-0024, KL2652, KL2784, KL2794, KL2798, KL2828, KL2872-0010, KL3208, KL3214,, KL6224, KL9050, KL9181, KL9182, KL9183, KL9540-0010, KS2652

Beckhoff I/O system open type pulse width modules

Model(s): KL2502, KS2502

Beckhoff I/O system open type relay output modules

Model(s): KL2602, KL2612, KL2622, KL2692, KL2702, KL2712, KS2602, KS2612, KS2622, KS2692, KS2702, KS2712

Beckhoff I/O system open type supply modules

Model(s): KL9100, KL9110, KL9200, KL9210, KL9250, KL9255, KL9260, KL9290, KL9300, KL9301, KL9302, KS9100, KS9110, KS9300, KS9301, KS9302

Beckhoff I/O system open type system modules

Model(s): KM1644, KM3701, KM3702, KM3712, KM6551

Programmable Controllers

Model(s): KL2284, KS2284

Model(s): Programmable controllers *BK3150-0018, KL1104-0018, KL3204-0018, KL3404-0018, KL2134-0018, KL2408-0018, KL4001-0018, KL5001-0016, KL5001-0018, KL5111-0016, KL5111-0018, KL2602-0010, KL2622-0010, KS2602-0010, KS2622-0010*



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

Certificate of Compliance

Certificate Number:

UL-CA-L172151-41-
11211002-1

Report Reference:

E172151-20011211

Issue Date:

2025-06-05

Issued to:

Beckhoff Automation GmbH & Co. KG
Huelshorstweg 20, Verl, 33415, DE

This certificate confirms that representative samples of:

NRAQ7 - Programmable Controllers Certified for Canada

See Addendum Page for Product Designation(s).

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

CSA C22.2 NO. 142-M1987, 3rd Ed., Issue Date: 1987-05-01,
Revision Date: 1990-09-01

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance 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.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-L172151-41-11211002-1
Report reference E172151-20011211
Date 2025-06-05

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Beckhoff I/O system open type analog input modules

Model(s): KL3001, KL3002, KL3011, KL3012, KL3021, KL3022, KL3041, KL3042, KL3044, KL3051, KL3052, KL3054, KL3061, KL3062, KL3064, KL3102, KL3112, KL3122, KL3132, KL3142, KL3152, KL3162, KL3172, KL3182, KL3201, KL3202, KL3204, KL3222, KL3302, KL3311, KL3312, KL3314, KL3351, KL3356, KL3361, KL3362, KL3404, KL3408, KL3444, KL3448, KL3454, KL3458, KL3464, KL3468, KS3001, KS3002, KS3011, KS3012, KS3021, KS3022, KS3041, KS3042, KS3044, KS3051, KS3052, KS3054, KS3061, KS3062, KS3064, KS3102, KS3112, KS3122, KS3132, KS3142, KS3152, KS3162, KS3172, KS3182, KS3201, KS3202, KS3204, KS3222, KS3302, KS3314, KS3351, KS3356, KS3361, KS3362, KS3404, KS3408, KS3444, KS3448, KS3454, KS3458, KS3464, KS3468

Beckhoff I/O system open type analog output modules

Model(s): KL3228, KL4001, KL4002, KL4004, KL4011, KL4012, KL4021, KL4022, KL4031, KL4032, KL4034, KL4112, KL4132, KL4404, KL4408, KL4414, KL4418, KL4424, KL4428, KL4434, KL4438, KL4494, KS3228, KS4001, KS4002, KS4004, KS4011, KS4012, KS4021, KS4022, KS4031, KS4032, KS4034, KS4112, KS4132, KS4404, KS4408, KS4414, KS4418, KS4424, KS4428, KS4434, KS4438, KS4494

Beckhoff I/O system open type bus couplers

Model(s): BC2000, BC3100, BC4000, BC7300, BC8000, BC8100, BC9000, BC9020, BC9050, BC9120, BK1120, BK1250, BK2000, BK2010, BK2020, BK2500, BK3000, BK3010, BK3100, BK3110, BK3120, BK3500, BK3520, BK4000, BK4010, BK4020, BK4500, BK5000, BK5010, BK5100, BK5110, BK5120, BK5200, BK5210, BK5220, BK6000, BK6010, BK7000, BK7200, BK7300, BK7400, BK7500, BK7520, BK8000, BK8010, BK8100, BK8110, BK9000, BK9050, BK9100, BK9103, BK9105, BK9500, EK1501, LC3100, LC5100, LC5200

Beckhoff I/O system open type bus supply modules

Model(s): KL9400, KL9505, KL9508, KL9510, KL9512, KL9515, KL9560, KS9400, KS9505, KS9508, KS9510, KS9512, KS9515, KS9560

Beckhoff I/O system open type compact bus couplers

Model(s): BC3150, BC5150, BC5250, BC8050, BC8150, BK3150, BK5150, BK5151, BK5250, BK7150, BK7350, BK9053, BK9055

Beckhoff I/O system open type counter modules

Model(s): KL1501, KL1512, KS1501, KS1512

Beckhoff I/O system open type digital input-modules

Model(s): KL1002, KL1012, KL1032, KL1052, KL1104, KL1114, KL1124, KL1154, KL1164, KL1184, KL1194, KL1202, KL1212, KL1232, KL1302, KL1304, KL1312, KL1314, KL1352, KL1362, KL1382, KL1402, KL1404, KL1408, KL1412, KL1414, KL1418, KL1434, KL1488, KL1498, KL1702, KL1704, KL1712, KL1722, KL1804, KL1808, KL1809, KL1814, KL1819, KL1859, KL1862, KL1872, KL1889, KL1904, KL1908, KL9150, KL9160, KS1002, KS1012, KS1032, KS1052, KS1104, KS1114, KS1124, KS1154, KS1164, KS1184, KS1194, KS1202, KS1212, KS1232, KS1302, KS1304, KS1312, KS1314, KS1352, KS1362, KS1382, KS1404, KS1408, KS1412, KS1414, KS1418, KS1434, KS1488, KS1498, KS1702, KS1712, KS1722, KS1904, KS9150, KS9160

Beckhoff I/O system open type digital output-modules



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-L172151-41-11211002-1
Report reference E172151-20011211
Date 2025-06-05

Model(s): KL2012, KL2022, KL2032, KL2114, KL2124, KL2134, KL2184, KL2212, KL2404, KL2408, KL2424, KL2488, KL2521, KL2808, KL2809, KL2872, KL2889, KL2904, KS2012, KS2022, KS2032, KS2114, KS2124, KS2134, KS2184, KS2212, KS2404, KS2408, KS2424, KS2488, KS2904

Beckhoff I/O system open type end modules

Model(s): KL9010, KL9020, KL9070, KL9080, KL9180, KL9184, KL9185, KL9186, KL9187, KL9188, KL9189, KL9190, KL9195, KL9540, KL9550, KS9010, KS9080, KS9180, KS9185, KS9186, KS9187, KS9190, KS9195

Beckhoff I/O system open type interface modules

Model(s): KL5001, KL5051, KL5101, KL5111, KL5121, KL5151, KL5152, KL6001, KL6011, KL6021, KL6031, KL6041, KL6051, KL6211, KL6511, KL6581, KL6771, KL6781, KL6811, KL6904, KS5001, KS5051, KS5101, KS5111, KS5121, KS5151, KS5152, KS6001, KS6011, KS6021, KS6031, KS6041, KS6051, KS6771, KS6811

Beckhoff I/O system open type measurement modules

Model(s): KL3403

Beckhoff I/O system open type modules

Model(s): BK1150, EK1501-0018, EK1541, KL1712-0060, KL1862-0010, KL2521-0024, KL2652, KL2784, KL2794, KL2798, KL2828, KL2872-0010, KL3208, KL3214,, KL6224, KL9050, KL9181, KL9182, KL9183, KL9540-0010, KS2652

Beckhoff I/O system open type pulse width modules

Model(s): KL2502, KS2502

Beckhoff I/O system open type relay output modules

Model(s): KL2602, KL2612, KL2622, KL2692, KL2702, KL2712, KS2602, KS2612, KS2622, KS2692, KS2702, KS2712

Beckhoff I/O system open type supply modules

Model(s): KL9100, KL9110, KL9200, KL9210, KL9250, KL9255, KL9260, KL9290, KL9300, KL9301, KL9302, KS9100, KS9110, KS9300, KS9301, KS9302

Beckhoff I/O system open type system modules

Model(s): KM1644, KM3701, KM3702, KM3712, KM6551

Programmable Controllers

Model(s): KL2284, KS2284

Model(s): Programmable controllers *BK3150-0018, KL1104-0018, KL3204-0018, KL3404-0018, KL2134-0018, KL2408-0018, KL4001-0018, KL5001-0016, KL5001-0018, KL5111-0016, KL5111-0018, KL2602-0010, KL2622-0010, KS2602-0010, KS2622-0010*



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.