

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190709-E172151  
**Report Reference** E172151-20011211  
**Issue Date** 2019-JULY-09

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

**This certificate confirms that representative samples of** PROGRAMMABLE CONTROLLERS  
Refer Addendum page For Models/Product

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

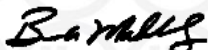
**Standard(s) for Safety:** Standard for Industrial Control Equipment, UL508 17th edition, revised 2013-10-16 and Process Control Equipment CSA C22 No. 142, 3rd edition, reaffirmed 2014

**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.



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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.

USL and CNL - Open type, Programmable controller, BECKHOFF GmbH  
 I/O System, series BK, BC, LC, KL or KS, consisting of the following modules/Cat. Nos.:

Models series KL represent models series KS except for detachable terminals as described in this procedure, e.g. KL1002 represents KS1002, etc.

		Fig. No.
BECKHOFF I/O System		1
Bus Coupler	BK2000, BK2500, BK3000, BK3100, BK3500, BK4000, BK4500, BK5000, BK5100, BK5200, BK6000, BK7000, BK7200, BK7300, BK7400, BK7420, BK7500, BK8000, BK8100, BK9000, BK9100, BK9103, BK9105, BK9500, BC2000, BC3100, BC4000, BC7300, BC8000, BC8100, BC9000, BC9100	2
Low Cost Bus-Coupler	LC3100, LC5100, LC5200	2A
Compact Bus Coupler	BK3150, BK5150, BK5151, BK5250, BK7150, BK7350, BK9053, BK9055, BK9050, BC3150, BC5150, BC5250, BC8050, BC8150, BC9050, <b>BK3150-0018</b>	2B
*Economy Bus Coupler	BK3110, BK1120, BK1150, BK2010, BK2020, BK3010, BK3120, BK3520, BK4010, BK4020, BK5010, BK5110, BK5120, BK5210, BK5220, BK6010, BK7520, BK8010, BK8110, BC9020, BC9120, EK1501, EK1501-0100, EK1541, <b>EK1501-0018</b>	3
Economy Bus Coupler	BK1250	3A
Bus Supply Module	KL9400, KL9505, KL9508, KL9510, KL9512, KL9515, KL9560, KS9400, KS9505, KS9508, KS9510, KS9512, KS9515, KS9560	4



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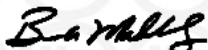
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**PRODUCT COVERED (CONT'D):**

Digital Input Module	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  KS1002, KS1012, KS1032, KS1052, KS1104, KS1114, KS1124, KS1154, KS1164, KS1184, KS1194, KS1212, KS1232, KS1302, KS1304, KS1312, KS1314, KS1352, KS1362, KS1382, KS1404, KS1408, KS1412, KS1414, KS1418, KS1434,  KS1488, KS1498  <b>KL1104-0018</b>	5
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**PRODUCT COVERED (CONT'D):**

		Fig. No.
Counter Module	KL1501, KL1512 KS1501, KS1512	6
Switch module	KM1644	25, 25A
Digital Input Module	KL1712, KL1712-0060 KL1722, KL9150, KL9160, KS1712,  KS1722, KS9150, KS9160	7
Digital Input Module	KL1704, KL1702, KS1702	43, 43A
	KL1904	7A
	KL1908	7B, 7C
Analog Input Module	KL3022, KL3001, KL3002, KL3011, KL3012, KL3021,	8



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	KL3041, KL3042, KL3044, KL3051, KL3052, KL3054, KL3061, KL3062, KL3064, KL3102, KL3112, KL3122, KL3132, KL3142, KL3152, KL3162, KL3172, KL3182, KL3201, KL3202, KL3204, KL3222, KL3228 KL3302, KL3311, KL3312, KL3314, KL3351, KL3356, KL3361, KL3362, KL3404, KL3408, KL3444, KL3448, KL3454, KL3458, KL3464, KL3468, <b>KL3204-0018, KL3404-0018</b> KS3022, KS3001, KS3002, KS3011, KS3012, KS3021, KS3041, KS3042, KS3044, KS3051, KS3052, KS3054, KS3061, KS3062, KS3064, KS3102, KS3112, KS3122, KS3132, KS3142, KS3152, KS3162, KS3172, KS3182, KS3201, KS3202, KS3204, KS3222, KS3228 KS3302, KS3351, KS3356 KS3404, KS3408, KS3444, KS3448, KS3454, KS3458, KS3464, KS3468	
Measurement Modules	KL3403	22C, 22D, 22E
Digital Output Module	KL2114, KL2012, KL2032, KL2212, KL2134, KL2184, KL2404, KL2408, <b>KL2134-0018, KL2408-0018</b> KS2114, KS2012, KS2032, KS2212, KS2134, KS2184, KS2404, KS2408,	9
Digital Output Module	KL2124	35, 35A
Digital Output Module	KL2424, KS2424	9A
Digital Output Module	KL2488, KS2488	9B
Digital Output Module (pulse train)	KL2521, KL2521-0024	32, 32A
Digital Output Module	KL2022, KS2022	10
Digital Output Module	KL2904	10A, 10B



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PRODUCT COVERED (CONT'D):

Pulse Width Module	KL2502, KS2502	11
Relay Output Module	KL2622, KL2602, KL2612, KL2692, KL2712, KS2622, KS2602, KS2612, KS2692, KS2712	12
Relay Output Module	KL2702, KS2702	13
Analog Output Module	KL4001, KL4002, KL4004, KL4011, KL4012, KL4021, KL4022, KL4031, KL4032, KL4034, KL4112, KL4132, KL4404, KL4408, KL4414, KL4418, KL4424, KL4428, KL4434, KL4438, KL4494, <b>KL4001-0018</b>  KS4001, KS4002, KS4004, KS4011, KS4012, KS4021, KS4022, KS4031, KS4032, KS4034, KS4112, KS4132, KS4404, KS4408, KS4414, KS4418, KS4424, KS4428, KS4434, KS4438, KS4494	14

PRODUCT COVERED (CONT'D):

		Fig. No.
Supply Module	KL9110, KL9100, KS9110, KS9100	15
Supply Module with Fuse	KL9200, KL9210	16
Supply Module with Fuse	KL9250,	17



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	KL9260, KL9290, KL9255	
Interface Module	KL5001, KL5051, KL5111, KL5151, KL5152, <b>KL5001-0016,</b> <b>KL5001-0018, KL5111-0016, KL5111-0018</b> KS5001, KS5051, KS5111, KS5151, KS5152	18
Interface Module	KL5101, KL5121, KS5101,  KS5121	19
Interface Module	KL6001, KL6021, KL6031, KL6041, KL6051, KL6201, KL6211, KL6301, KL6401, KL6511, KL6581, KL6781 KS6001,  KS6021, KS6031, KS6041, KS6051	20
Interface Module	KL6011,  KS6011	21
Interface Module	KL6811,  KS6811	21A
Interface Module	KL6771 KS6771	21B
Interface Module	KL6904	10A, 10B
Potential distribution/ End Module	KL9010, KL9070 KL9080, KL9180, KL9185, KL9186, KL9187, KL9190, KL9195, KL9540, KL9540-0010, KL9550 KS9180, KS9185, KS9186, KS9187, KS9190, KS9195, KS9540, KS9550	22
End module	KL9020	22A, 22B
Diode array module	KL9300, KL9301, KL9302 KS9300, KS9301, KS9302	34, 34A



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Data Exchange Module	KM6551	24, 24A
Pressure measuring module	KM3701, KM3702, KM3712	26, 26A



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Digital input module	KL1804, KL1808, KL1809, KL1814, KL1819, KL1889	36, 36A
Digital input module	KL1862, KL1862-0010, KL1872	37, 37A
Digital input/output module	KL1859	38, 38A
Potential distribution module	KL9184, KL9188, KL9189, KL9181, KL9182, KL9183	39, 39A
Digital output module	KL2808, KL2809	40, 40A
Digital input/output module	KL2872	41, 41A
Digital output module	KL2889	42, 42A
Relay output module	KL2652, KS2652	44, 44A
Digital output module	KL2784, KL2794	45, 45A
Digital output module	KL2798	46, 46A
Digital output module	KL2828	47, 47A
Digital input/output module	KL2872-0010	48, 48A
Terminal bus extension module	KL9050	49, 49A, 49B
Analog input module	KL3208, KL3214	50, 50A
Communication module	KL6224	51, 51A
Relay output modules	KL2602-0010, EL2622-0010 KS2602-0010, KS2622-0010	64, 65



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