

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190305-E115267  
**Report Reference** E115267-20060414  
**Issue Date** 2019-MARCH-05

**Issued to:** B & R Industrial Automation GmbH  
B&R Strasse 1  
5142 Eggelsberg AUSTRIA

**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:** Standard for Industrial Control Equipment, UL 508 and Process Control Equipment, CSA C22.2 No. 142-M1987 (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.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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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.

## Models

USL, CNL Open Type, Programmable Controllers Type X20.

## Bus Modules -

CAT. NOS. X20BM01, X20BM05, X20BM11, X20BM12, X20BM13, X20BM15, X20BM16, X20BM21, X20BM23, X20BM26, X20BM31, X20BM32, X20BM33, X20BM36, X20BB22, X20BB27, X20BB32, X20BB80, X20BB37, X20BB42, X20BB47, X20BB81, X20BB82.

## Bus Modules coated -

CAT. NOS. X20cBM01, X20cBM11, X20cBM12, X20cBM23, X20cBM31, X20cBM32, X20cBM33, X20cBB80, X20cBB81, X20cBB82, X20cBM26.

## Analog Input Modules -

CAT. NOS. X20AI1744, X20AI1744-3, X20AI2222, X20AI2237, X20AI2322, X20AI2632-1, X20AI4222, X20AI4322, X20ATA312, X20ATB312, X20ATA492, X20ATC402, X20AP3111, X20AP3121, X20AP3131, X20AP3161, X20SA4430, X20ST4492, X20AI2437, X20AI2438, X20AI2622, Alternate Cat. No. LD0AI2622; X20AI2636, X20AI2632, X20AI4622, X20AI4636, X20AI4632, X20AI4632-1, X20AI8221, X20AI8321, X20AT2222, Alternate Cat. No. LD0AT2222; X20AT2311, X20cAT2311, X20AT2402, X20AT4222, X20AT4232, X20AT6402.

## Analog Input Modules coated -

CAT. NOS. X20cAI2438, X20cAI4622, X20cAI4632, X20cAI4632-1, X20cAP3131, X20cAT4222, X20cAT6402, X20cSA4430, X20cST4492, X20cAI1744, X20cAI1744-3, X20cAP3121.

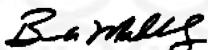
## Analog Output Modules -

CAT. NOS. X20AO2437, X20AO2438, X20AO2622, Alternate Cat. No. LD0AO2622; X20AO2632, X20AO2632-1, X20AO4622, X20AO4632, X20AO4632-1, X20AO4635.

## Analog Output Modules coated -

CAT. NOS. X20cAO2437, X20cAO2438, X20cAO4622, X20cAO4632, X20cAO4632-1.

## Digital Input Modules -



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CAT. NOS. X20DC1073, X20DC1176, X20DC1178, X20DC1196, X20DC1198, X20DC11A6, X20DC1376, X20DC137A, X20DC1396, Alternate Cat. No. LD0DC1396; X20DC1398, X20DC1976, X20DC2190, X20DC2395, X20DC2396, X20DC2398, X20DC4395, X20DI2371, X20DI2372, X20DI2377, X20DI2653, X20DI4371, Alternate Cat. No. LD0DI4371; X20DI4372, Alternate Cat. No. LD0DI4372, X20DI4375, X20DI4653, X20DI4760, X20DI6371, Alternate Cat. No. LD0DI6371; X20DI6372, Alternate Cat. No. LD0DI6372; X20DI6373, X20DI6553, X20DI8371, X20DI9371, X20DI9372, Alternate Cat. No. LD0DI9372, X20DID371, X20DIF371, X20SD1207, X20SI2100, X20SI4100, X20SI9100, X20SLX210, X20SLX410, X20SLX910

Digital Input Modules coated –

CAT. NOS. X20cDI4371, X20cDI4375, X20cDI4760, X20cDI6371, X20cDI6372, X20cDI9371, X20cDI9372, X20cSI4100, X20cSD1207, X20cSI9100, X20cSLX210, X20cSLX410, X20cSLX910, X20cDIF371, X20cDC1198, X20cDC1396, X20cDC2395, X20cDC1196, X20cDC2190.

Digital Output Modules –

CAT. NOS. X20DO2321, X20DO2322, X20DO2623, X20DO2633, X20DO2649, X20DO4321, X20DO4322, Alternate Cat. No. LD0DO4322, X20DO4331, X20DO4332, X20DO4529, X20DO4613, X20DO4623, X20DO4633, X20DO4649, X20DO6321, X20DO6322, Alternate Cat. No. LD0DO6322, X20DO6529, Alternate Cat. No. LD0DO6529, X20DO6639, X20DO8232, Alternate Cat. No. LD0DO8232, X20DO8322, X20DO8323, X20DO8331, X20DO8332, Alternate Cat. No. LD0DO8332; X20DO9321, X20DO9322, Alternate Cat. No. LD0DO9322, X20DOD322, X20DOF322, X20SC2212, X20SC2432, X20SO2110, X20SO2120, X20SO2530, X20SO4110, X20SO4120, X20SO6300, X20MM3332, X20MM4331, X20DO6325, X20MM2436, X20MM4456, X20SM1426, X20SM1436.

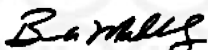
Digital Output Modules coated –

CAT. NOS. X20cDO4322, X20cDO4332, X20cDO6321, X20cDO6322, X20cDO6639, X20cDO8331, X20cDO8332, X20cDO9321, X20cDO9322, X20cSC2212, X20cSC2432, X20cSO2110, X20cSO2530, X20cSO4110, X20cSO4120, X20cSO6300, X20cDO2633, X20cDO4633, X20cDO4649, X20cDO6529, X20cDOF322.

Analog/Digital Input/Output Mixed Modules –

Cat. Nos. X20CM0289, X20CM0985, X20CM0985-1, X20CM0985-2, X20CM1201, X20CM1941, Alternate Cat. No LD0CM1941, X20CM2821, X20CM2900, Alternate Cat. No. LD0CM2900, X20CM8281, X20CM8323, Alternate Cat. No. LD0CM8323, X20CM4810, X20DM9324, LD0DM9324, X20DS1119, X20DS1319, X20DS1828, X20DS1928, X20DS4387, X20DS4389, X20DS438A, X20RT8001, X20CM2966, 0AK1999, 0AK1999-1.

Analog/Digital Input/Output Mixed Modules coated –



Bruce Mahrenholz, Director North American Certification Program  
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Cat. Nos. X20cCM2821, X20cCM0985-1, X20cCM4810, X20cDM9324, X20cDS1119, X20cCM8323, X20cDS438A.

## Power Supply Modules

CAT. NOS. X20PS2100, X20PS2110, X20PS3300, (Alternate Cat. No. LD0PS3300), X20PS3310, X20PS4951, X20PS8002, X20PS9400, (Alternate Cat. No. LD0PS9400), X20PS9402, X20PS9500, X20PS9502, X20BR9300, (Alternate Cat. No. LD0BR9300), X20BT9100, X20BT9400, (Alternate Cat. No. LD0BT9400), X20SP1130;

## Power Supply Modules coated

CAT. NOS. X20cPS2100, X20cPS2110, X20cPS3300, X20cPS3310, X20cPS8002, X20cPS9400, X20cPS9500, X20cBR9300, X20cBT9100, X20cSP1130.

## Bus Controller Modules –

CAT. NOS. X20BC0043, X20BC0043-10, X20BC0043-C01, X20BC0053, X20BC0063, X20BC0073, X20BC0083, X20BC0087, X20BC0087-C01, X20BC0088, X20BC0087-10, X20BC00E3, X20BC00G3, X20BC80G3, X20BC00H3, X20BC0143-10, X20BC1083, X20BC9984, alternate Cat. No. LD0BC1083, X20BC8083, X20BC8084, X20ET8819;

## Bus Controller Modules coated –

CAT. NOS. X20cBC0083, X20cBC0087, X20cBC00E3, X20cBC1083, X20cBC8083, X20cBC8084, X20cBC0088.

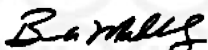
## CPU Modules –

Cat. Nos. X20CP0201, X20CP0291, X20CP0292, X20CP1483, X20CP1483-1, X20CP1484, X20CP1484-1, X20CP1485, X20CP1485-1, X20CP1486, X20CP1583, X20CP1584, X20CP1585, X20CP1586, X20CP3583, X20CP3584, X20CP3585, X20CP3586, X20CP3484, X20CP3484-1, X20CP3485, X20CP3485-1, X20CP3486, alternate Cat. No. LD0CP3486, X20XC0201, X20XC0202, X20XC0292, X20SL8000, X20SL8001, X20SL8010, X20SL8011, X20SL8100, X20SLH000, X20SLH001, SE0LD1, SE0LD2, SE0LF1, SE0LF2, SE0LF3, SE0LF4, SE0LM0, SE0LM1, X20CP1301, X20CP1381, X20CP1381-RT, X20CP1382, X20CP1382-RT, X20SL8101;

## CPU Modules coated –

Cat. Nos. X20cCP1584, X20cCP1586, X20cCP3584, X20cCP3586, X20cSL8100, X20cSL8101, X20cCP1382-RT, X20cCP1301.

## Compact I/O assembly within a single housing



Bruce Mahrenholz, Director North American Certification Program  
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Cat. Nos. SE0CIOC1, SE0CIOC2, SE0CIOC3, SE0CIOC4, SE0CIOC5, SE0CIOC6 and SE0CIOC7 with included I/O modules types DI12, DI6L, DO6H, DI4L, DO4H, DO6R, AI12, AO12, AO12 u and AO12 i. Alternate Cat. Nos. C20 followed by A, B, C, D, E, F and G, followed by alphanumeric digits defining types and locations of included I/O modules types DI12, DI6L, DO6H, DI4L, DO4H, DO6R, AI12, AO12, AO12 u and AO12 i.

## Interface Modules –

\*Cat. Nos. X20CS1011, X20CS1012, X20CS1013, X20CS1020, X20CS1030, X20CS1070, X20CS1OWB-C01, X20CS2770, X20HB1881, X20HB2880, X20HB28G0, X20HB2881, X20HB2885, X20HB2886, X20HB8815, X20HB8880, X20HB88G0, X20HB8884, X20IF1020, X20IF1030, X20IF1041-1, X20IF1043-1, X20IF1051-1, X20IF1053-1, X20IF1061, X20IF1061-1, X20IF1063, X20IF1063-1, X20IF1065, X20IF1072, alternate Cat. No. LD0IF1072, X20IF1074, X20IF1082, alternate Cat. No. LD0IF1082, X20IF1082-2, X20IF1086-2, X20IF1091, alternate Cat. No. LD0IF1091, X20IF1091-1, X20IF10A1-1, X20IF10D1-1, X20IF10D3-1, X20IF10E1-1, X20IF10E3-1, X20IF10G3-1, X20IF10H3-1, X20IF2181-2, X20IF10X0, X20IF2772, alternate Cat. No. LD0IF2772, X20IF2792, Alternate Cat. No. LD0IF2792;

## Interface Modules coated –

Cat. Nos. X20cCS1020, X20cCS1030, X20cHB1881, X20cHB2880, X20cHB2881, X20cHB2885, X20cHB2886, X20cHB8815, X20cHB8880, X20cHB8884, X20cIF1030, X20cIF1041-1, X20cIF1061-1, X20cIF1063-1, X20cIF1072, X20cIF1082-2, X20cIF10D3-1, X20cIF10E3-1, X20cIF10X0, X20cIF2181-2, X20cIF10D1-1, X20cIF2772.

## Potential Distributor Modules –

Cat. Nos. X20PD0011, X20PD0012, X20PD0016, X20PD2113;

## Potential Distributor Module coated –

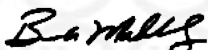
Cat. No. X20cPD2113.

## Dummy modules –

Cat. Nos. X20IF0000, X20ZF000F

## Accessories –

Diodes arrays Cat. No. X20CM6209;  
Memory key for use with X20 logic CPU modules Cat. No. X20MKxxxx;  
Identification module for use with X20 system, Cat. No. X20ZF0000, alternate Cat. No. SE0ZF0000, X20ZF0001-xxx;  
Remote I/O module Cat. No. 0DO406.0;



Bruce Mahrenholz, Director North American Certification Program  
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Accessories coated –

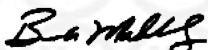
Cat. No. X20cZF0001-xxx; Cat. Nos. X20cMKxxxx.

Ethernet Hub Modules Cat. No. 0AC808.9, 0AC808.9-1 and 0AC808.9-L.

Accessories –

Terminal Block – for CAT. No. X20 Series

Note: Catalog numbers may include an additional suffix (digit) in the last position to indicate software change in the operating system of limited voltage.



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 2017-04-06 (R0/C0/A0); 2018-2-26 (R0/C0/A1); 2018-05-30 (R0/C1/A1); 2019-02-22 (R1/C0/A0); 2019-03-04 (R1/C0/A1); 2019-08-12 (R1/C0/A2); 2020-03-20 (R1/C0/A3);-E115267

**Report Reference** E115267-D1000-1/A3/C0-UL

**Issue Date** 2017-04-06 (R0/C0/A0); 2018-2-26 (R0/C0/A1); 2018-05-30 (R0/C1/A1); 2019-02-22 (R1/C0/A0); 2019-03-04 (R1/C0/A1); 2019-08-12 (R1/C0/A2); 2020-03-20 (R1/C0/A3);

**Issued to:** B & R INDUSTRIAL AUTOMATION GMBH  
**Applicant Company:** B&R STRASSE 1  
EGGELSBERG, 5142 AUSTRIA

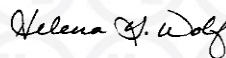
**Listed Company:** Same as Applicant

**This is to certify that representative samples of**

These devices are open type programmable industrial control systems utilizing a programmable memory for internal storage of user-oriented instructions for specific functions, such as logic, sequencing, counting and controlling various industrial equipment through digital or analog inputs or outputs. This category also covers power supplies, central processing units, input and output accessories, computer interfaces, and programming or program diagnostic units associated with programmable control systems.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services, UL LLC  
Joseph Hosey, General Manager, Director of Sales – Canada, UNDERWRITERS LABORATORIES OF CANADA INC.



Helena Y. Wolf, Director, Global Market Access Operations, UL LLC

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X20AIA744, X20AIB744, X20DI0471, X20RT8201, X20RT8202,  
X20RT8401, X20SC0402, X20SC0806, X20SC0842,  
X20SI8110, X20SLX402, X20SLX806, X20SLX811,  
X20SLX842, X20SRT402, X20SRT806, X20SRT842,  
X20SL8110;

X20BB52, X20BB57, X20BB62, X20BB67, X20BB72, X20BB77;  
X20BC008U, X20CM4323, X20CP0410, X20CP0411,  
X20CP0482, X20CP0483, X20CP0484, X20PS9600,  
X20PS9602;

X20AI1744-10, X20CMR010, X20CMR100, X20CMR111,  
X20DO8332-1, X20HB1882, X20cSC0806, X20cSC0842,  
X20cSI8110, X20cSLX806, X20cSLX842, X20RT8381,  
XEPCMB105.00C, XEPCMB105.01C, XEPCMB105.02C,  
XEPCMB105.03C;

X20cSLX402;

X20CS1020, X20CS1030, X20CS1070, SE0CS1020,  
X20CS1030-C01;

X20BC0043-10, X20BC0043, X20BC0073, X20IF1072,  
X20cIF1072, X20IF2772;  
X20DC1198, X20DC1196, X20cDC1196, X20cDC1198,  
X20DS1119, X20cDS1119;  
X20DC4395, X20DC1396, X20cDC1396, X20DC1398,  
X20DC2395, X20cDC2395, X20DC2396, X20DS4389;  
X20DC1376, X20DC1176, X20DC1178, X20DC11A6,  
X20DC137A, X20DC1976;

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

**Standard(s) for Safety:**

UL 61010-1, 3rd Edition, May 11, 2012, Revised 15 July 2015,  
CAN/CSA-C22.2 No. 61010-1-12, 3rd Edition, Revision dated  
July 2015

**Additional Standards:**

UL 61010-2-201: 2017 (First Edition), Revision dated 2017-02-  
20,  
CSA C22.2 NO. 61010-2-201:14, Issue Date 2014/01;



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services, UL LLC  
Joseph Hosey, General Manager, Director of Sales – Canada, UNDERWRITERS LABORATORIES OF CANADA INC.



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**Report Reference** E115267-D1004-1/A0/C0-UL  
**Issue Date** 2019-08-06  
**Issued to:** B&R INDUSTRIAL AUTOMATION GMBH  
**Applicant Company:** B&R Straße 1,  
Eggelsberg, 5142, Austria  
**Listed Company:** Same as Applicant

**This is to certify that representative samples of** X20SO6530, X20 safe digital output module, 6 relays with 1 normally open contact each, 230 VAC / 6 A, 24 VDC / 6 A.  
X20SO6530

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



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services, UL LLC

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**Standard(s) for Safety:**

UL 61010-1 SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE - PART 1: GENERAL REQUIREMENTS- Edition 3 - Revision Date 2018/11/21  
UL 61010-2-201 STANDARD FOR SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE - PART 2-201: PARTICULAR REQUIREMENTS FOR CONTROL EQUIPMENT- Edition 2 - Published: 2018/05/14  
CSA C22.2 NO. 61010-1-12 SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE - PART 1: GENERAL REQUIREMENTS - THIRD EDITION; UPDATE NO. 1: JULY 2015; UPDATE NO. 2: APRIL 2016 SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE - PART 1: GENERAL REQUIREMENTS - Edition 3 - Revision Date 2018/11  
CSA C22.2 NO. 61010-2-201:18 SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL, AND LABORATORY USE - PART 2-201: PARTICULAR REQUIREMENTS FOR CONTROL EQUIPMENT- Edition 2 - Published: 2018/04

**Additional Standards:**

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**Additional Information:**

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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.

*B. Mahlenz*

Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services, UL LLC

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