

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.

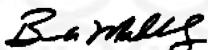
Analog Output Modules -

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.

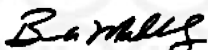
Digital Output Modules coated –

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 –



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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.

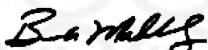
CPU Modules –

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



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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 –

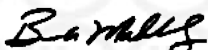
Cat. No. X20cPD2113.

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;



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Accessories coated –

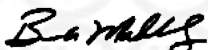
Cat. No. X20cZF0001-xxx; Cat. Nos. X20cMKxxxx.

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 Number 2017-04-06; 2018-2-26 (A1); 2018-05-30 (C1);2019-02-22(R1)-E115267
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Issue Date 2017-04-06; 2018-2-26 (A1); 2018-05-30 (C1);2019-02-22(R1)
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.

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

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
Joseph Hosey, General Manager, Director of Sales – Canada, UNDERWRITERS LABORATORIES OF CANADA INC.

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Standard(s) for Safety: UL 61010-1, 3rd Edition, May 11, 2012, Revised July 15 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 2014/01/01.

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