

CERTIFICATE OF COMPLIANCE

Certificate Number 20170320-E115267
Report Reference E115267-19950323
Issue Date 2017-MARCH-20

Issued to: BERNECKER & RAINER INDUSTRIE ELEKTRONIK
GMBH
B&R STRASSE 1
5142 EGGELSBERG AUSTRIA

This is to certify that representative samples of PROGRAMMABLE CONTROLLERS
See Addendum Page for Models/Product

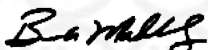
Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 508 - Industrial Control Equipment
CSA C22.2 No. 142-M1987 - Process Control Equipment

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170320-E115267
Report Reference E115267-19950323
Issue Date 2017-MARCH-20

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

Models/Product:

Programmable Controller Type 2005.

Battery Module - Cat. No. 0AC240;

Analog Input Module - Cat. Nos. 3AI350, -375, -775, -780, -961, 3AT350, -450, -660, 0AK500-1;

Analog Output Module - Cat. Nos. 3AO350, -360, -775;

Analog Input/Output Module - Cat. Nos. 3AM050, -051, -055, -374;

Base Plate Module - Cat. Nos. 3BP065, 3BP150, -151, -152, -153, -154, -155;

Central Processing Unit - Cat. Nos. 3CP152, -153, -260, -320, -340, -360, -380, -382;

Intelligent I/O Processor Module - Cat. No. 3IP151, -161, -350;

Digital Input Module - Cat. Nos. 3DI175, -450, -475, -476, -477, -486, -575, -690, -695, -875;

Digital Output Module - Cat. Nos. 3DO479, -480, -486, -487, -650, -690, -750, -760;

*Digital I/O Modules - Cat. Nos. 3DM455, -476, -486, 0AK102, 0AK202, 0AK212, 0AK300, 0AK310, 0AK311, 0AK401G3, 0AK402G3, 0AK403G3, 0AK810;

Analog/Digital I/O Module - Cat. No. 3UM161, 3UM162;

Serial I/O Module - Cat. Nos. 3EX150, -250, -350, -450, 3XP152,

3IF050, -060, -152, -260, -613, -621, -622, -648, -661, -671, -672, -681, -686, -722, -761, -762, -766, -771, -772, -779, -781, -782, -786, -787, -789, -791, -792, -797, -7E3;

5IF760, 0AC401, 0AC808, alternate Cat. No. E94AZCEH, 0AC810;;

Memory Copy Module - Cat. No. 3EM150;

Counter Module - Cat. No. 3NC150;

Positioning Module - 3NC154, -156, -157, -158, -352;

Bus Module - Cat. No. 3NW150;

Power Supply Module - Cat. Nos. 3PS465, -476, -477, -691, -692, -694, -751, 752, -754, -791, -792, -794, 3PS465.9-RL;

Extension Modules – Cat. Nos 3EX465.I-RL, 3EX465.O-RL

USL, CNL Programmable Controller

Type Compact PLC - Cat. Nos. BRCOMP1-0, BRCOMP2-0;

Digital Output Module - Cat. No. BRADREL1-0

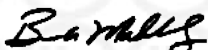
USL, CNL Panelware - (for use with the above PLC'S)

OPERATING PANEL CONTROLLERS

Cat. No. 4C1000.XX-XXX, Alternate Cat. No. IC750CTR100;

Cat. No. 4C1100.XX-XXX, Alternate Cat. No. IC750CTR110;

Cat. No. 4C1300.XX-XXX, Alternate Cat. No. IC750CTR130;



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170320-E115267
Report Reference E115267-19950323
Issue Date 2017-MARCH-20

Cat. No. 4C2000.XX-XXX, Alternate Cat. No. IC750CTR200;
Cat. No. 4C3000.XX-XXX, Alternate Cat. No. IC750CTR300;
Cat. No. 4C2200.XX-XXX, Cat. No. 4C2001.XX-XXX, Cat. No. 4C2210.XX-XXX.

Note: Catalog numbers may include additional suffixes (digits) or different digits substituting the letters "X" in the last positions to indicate software change in the low voltage/limited energy operating system.

INTERFACE MODULES

Micro MMI - Cat. No. 4B1500.XX-XXX, Alternate Cat. No. IC750MCR100;
Micro MMI - Cat. No. 4B1501.XX-XXX.
Compact MMI - Cat. Nos. 4B1200.00-XXX; 4B1210.00-XXX; 4B1220.00-XXX; 4B1230.00 XXX;
4B1250.00-XXX; 4B1260.00-XXX; 4B1270.00-XXX, 4B1344.00-XXX, 4PW035.E300-xx;
Power Supply for Compact MMI's - Cat. No. 4A0027;
Operating MMI Controller - Cat. No. 5C2000.XX, 5C2001.XX, 5C2002.XX, 5C4000.XX

POWER PANELS

Power Panel (MMI/PLC Assembly) - Cat. Nos. 4P0420, 4P3040, 4PP015, 4PP035, 4PP045, 4PP065,
4PP120, 4PP320, 4PP151, 4PP351, 4PP152, 4PP352, 4PP180, 4PP380, 4PP181, 4PP381, 4PP182,
4PP382, 4PP210, 4PP220, 4PP250, 4PP251, 4PP252, 4PP280, 4PP281, 4PP282, 4PP420, 4PP450,
4PP451, 4PP452, 4PP480, 4PP481, 4PP482, 5PP120, 5PP320, 5PP210, 5PP220, 5PP410, 5PP420,
5PP-C.043F-K01, 5PP-C.0702-K01, 5PP-C.101G-K01;
Power Panel Expansion Slot - Cat. No. 4EX101
Power panel interface module - Cat. No. 4IF370;

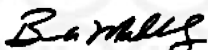
Note: Catalog numbers may include additional suffixes (digits) or different digits substituting the letters "X" in the last positions to indicate software change in the low voltage/limited energy operating system.

Power Panels - Cat. Nos. 4PPC70.057x-xxx, 4PPC70.070x-xxx, 4PPC70.101x-xxx

Note: Catalog numbers may include additional suffixes (digits) or different digits substituting the letters "X" in the last positions to indicate software change in the low voltage/limited energy operating system.

Power Panel - Cat. Nos. 6PPT30.043x-xxxxxxx, 6PPT30.057x-xxxxxxx, 6PPT30.070x-xxxxxxx,
6PPT30.101x-xxxxxxx

Power Panel coated - Cat. Nos. 6PPT30c.043x-xxxxxxx.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170320-E115267
Report Reference E115267-19950323
Issue Date 2017-MARCH-20

Note: Catalog numbers may include additional suffixes (digits) or different digits substituting the letters "X" in the last positions to indicate software change in the low voltage/limited energy operating system.

MOBILE PANELS

Mobile Panel (Display and CPU module) – Cat. Nos. 4MP181, 5MP181; 4MP251, 4MP281;

Note: Catalog numbers may include additional suffixes (digits) or different digits substituting the letters "X" in the last positions to indicate software change in the low voltage/limited energy operating system.

DISPLAY MODULES

Cat. No. 4D1022.XX-XXX, Alternate Cat. No. IC750LCD220;
Cat. No. 4D1042.XX-XXX, Alternate Cat. No. IC750LCD420;
Cat. No. 4D2022.XX-XXX, Alternate Cat. No. IC750VFD220;
Cat. No. 4D2024.XX-XXX, Alternate Cat. No. IC750VFD240;
Cat. No. 4D1044.XX-XXX, Alternate Cat. No. IC750LCD440;
Cat. No. 4D1084.XX-XXX, Alternate Cat. No. IC750CFL840
Cat. Nos. 4D1164.XX-XXX, 4D1165.XX-XXX, 4D1166.XX-XXX; 4D1167.XX-XXX
Cat. Nos. 5D2000.XX; 5D2200.XX, 5D2210.XX, 5D2219.XX; 5D2300.XX;
Cat. Nos. 5D2500.XX, 5D2510.XX, 5D2519.XX; Cat. No. 5D4000.XX;
Cat. Nos. 5D5000.XX; 5D5100.XX; 5D5200.XX; 5D5201.XX; 5D5202.XX, 5D5210.XX, 5D5211.XX,
5D5212.XX, 5D5213.XX; 5D5500.XX; 5D5501.XX; 5D5502.XX; 5D5510.XX; 5D5600.XX; 5D5601.XX;
5D5602.XX; 5D9200.XX.
Cat. Nos. 5AP951, 5AP952, 5AP820, 5AP880, 5AP920, 5AP980, 5AP981, 5AP982.

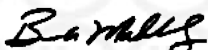
Note: Catalog numbers may include additional suffixes (digits) or different digits substituting the letters "X" in the last positions to indicate software change in the low voltage, limited energy operating system.

KEYBOARDS

Cat. Nos. 4E00XX.XX-XXX, Alternate Cat. No. IC750KBLXXX.
Cat. No. 4XP0000.XX-XXX, Cat. Nos. 5E9000.XX, 5E9600.XX-XXX, 5AC800.EXT1-XX,
5AC800.EXT2-XX, 5AC800.EXT3-XX.

Note: Catalog numbers may include additional suffixes (digits) or different digits substituting the letters "X" in the last positions to indicate software change in the low voltage, limited energy operating system.

ACCESSORY MODULES



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170320-E115267
Report Reference E115267-19950323
Issue Date 2017-MARCH-20

Emergency Stop Switch - Cat. No. 4E0060.XX-XXX;
Key Switch - Cat. No. 4E0070.XX-XXX;
Start/Stop - Cat. No. 4E0080.XX-XXX.

Note: Catalog numbers may include additional suffixes (digits) or different digits substituting the letters "X" in the last positions to indicate software change in the low voltage, limited energy operating system.

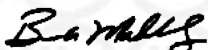
INDUSTRIAL PROGRAMMABLE CONTROLLER

Bus Unit with power supply 100-240 V ac - Cat. No. 5C5000.X1;
Bus Unit with power supply 24 V dc - Cat. No. 5C5000.X2, 5C5000.99;
System unit (processor board) - Cat. No. 5C5001; 5C5601; 5SC680; 5PC310.L8xx, 5EC600.60, 5PC600.E8xx;
System unit - Cat. No. 5PC600.SX01-XX; 5PC600.SX02-XX; 5PC600.SX05-XX, 5PC810.SX01-XX; 5PC810.SX02-XX; 5PC810.SX03-XX, 5PC810.SX05-XX;
System unit with display - Cat. No. 5PC725.xxxx-(x)xx, 5PC720.xxxx, 5PC750.xxxx, 5PC780.xxxx, 5PC781.xxxx, 5PC782.xxxx, 5PC820.xxxx, 5PC850.xxxx, 5PC880.xxxx;
Processor - Cat. No. 5C5002.XX;
Bus Unit with power supply 100-240 V ac - Cat. No. 5C5600.01, 5C5600.03;
Bus Unit with power supply 100-240 V ac - Cat. No. 5C5600.11;
Bus Unit with power supply 24 V dc - Cat. No. 5C5600.02, 5C5600.04;
Bus Unit with power supply 24 V dc - Cat. No. 5C5600.12;
Power supply unit 115/230 V ac - Cat. No. 5PS680;
Backplane - Cat. No. 5BP680;
Housing - Cat. No. 5HS680;
Battery housing - Cat. No. 5AC600.UPSB;
Battery control module - Cat. No. 5AC600.UPSI;

INTERFACES AND ACCESSORIES FOR INDUSTRIAL PROGRAMMABLE CONTROLLER

Interface Board - Cat. No. 5A1102.XX, 5A1104.XX, 5A1106.XX, 5A5000.XX, 5A5010.XX;
Hard Disk - Cat. No. 5A5001.XX; 5HD680; 5ACPCI, 5AC600.HCFS, 5AC600.HDDI; 5AC600.HDDS;
Floppy Disk - Cat. Nos. 5A5600.01, 5A9000; 5AC600.FDDS;
CD-ROM - Cat. No. 5A5600.02; 5AC600.CDXS;
DVD-ROM - Cat. No. 5AC600.DVDS;
External FDD - Cat. No. 5A2001, 5A5600;
Controller FDD and DVD/CD-ROM - Cat. No. 5DD680;
Remote IDE drive - Cat. No. 5A5003;
Remote USB drive - Cat. No. 5MD900;
USB licence dongle - Cat. No. 0TG1000.01, 0TG1000.0x(same as .01 except software);

Converter SDL to SDL3 5COSD3.1000-(x)xx;
Connector power supply Cat. No. 0TB2103.8110-(x)xx



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

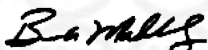
Certificate Number 20170320-E115267
Report Reference E115267-19950323
Issue Date 2017-MARCH-20

USB hub 2x passive Cat. No. 5ACCUSB2.xxxx-(x)xx
USB hub 4x passive Cat. No. 5ACCUSB4.xxxx-(x)xx

Add on CD-ROM drive - Cat. No. 5A5009;
CPU board for evaluation of Ethernet bus interface – Cat. No. 0EV081;
CPU board with Profibus DP master interface – Cat. No. 5LS166;
CPU board with Ethernet- bus interface – Cat. No. 5LS182;
CPU board with Ethernet- and CAN- bus interface – Cat. No. 5LS187;
CPU board with Ethernet- and X2X- bus interface – Cat. No. 5LS189;
CPU board with X2X bus interface – Cat. No. 5LS197;
CPU board with RIO- and CAN- Bus Interface - Cat. No. 5LS251;
CPU board with analog and digital I/O's - Cat. No. 5LS301;
Interface board with Interbus, ASI, ControlNet, Profibus DP, CANopen,
DeviceNet - Cat. No. 5LS050;
Interface board with CAN- and RS232 Bus - Cat. No. 5LS071;
Interface board with CAN- and RS232 Bus - Cat. No. 5LS079;
Interface board with two CAN- Bus terminals - Cat. No. 5LS172;
Interface board with a B&R I/O - Bus - Cat. No. 5LS191;
Interface board with RS232/422/485 bus – Cat. No. 5AC600.485I;
Interface board with CAN bus – Cat. No. 5AC600.CANI;
Interface board with DVI – Cat. Nos. 5AC600.SDL0, 5AC600.LDL0, 5AC600.DVIO, 5DL0DVI, 5DL0SDL;
Interface board with SDL3 – Cat. No. 5DL0SD3.1000-(x)xx
Connecting Cables 5CASDL, 5CADVI, 5CAUSB, 5CAPWR, 5CAUPS, 5CAX2X, 5CASD3.xxxx-(x)xx,
5CAMPH.xxxx-(x)40
Adapter boards - Cat. Nos. 0EX081.1, 5A2005, 5A5002, 5GA680; 5SO680; 5AC680.USB3;
5AC600.CFSI; 5AC600.CFSS;

Hand-held Mobile Panel

Enclosed Hand-held Mobile Panel – Cat. No. ME.B.0.22339



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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 a local UL Customer Service Representative at <http://ul.com/about/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 2017-7-11-E115267
Report Reference E115267-D1003-0/A0/C0-UL
Issue Date 2017-7-11

Issued to: BERNECKER & RAINER INDUSTRIE ELEKTRONIK 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- "Panel Mounted" 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.

4PPC30.0702-21B, 4PPC30.043F-21B, XREC30.0702-23B,
XREC30.043F-23B

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

Additional Standards: UL 61010-2-201: 2013 (First Edition), CSA C22.2 NO. 61010-2-201-14 (Edition 1), IEC 61010-2-201: 2013 (First Edition)

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information.

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

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


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.

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 a local UL Customer Service Representative www.ul.com/contactus

