

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L225616-117-21500202-3
Report Reference E225616-20200512
Date 18-Jul-2022

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

This is to certify that representative samples of NMMS - Power Conversion Equipment
See Addendum Page for Product Designation(s).

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

Standard(s) for Safety: UL 61800-5-1, 1st Ed., Issue Date: 2012-06-08, Revision Date: 2018-06-20

Additional Information: See the UL Online Certifications Directory 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.



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 UL-US-L225616-117-21500202-3
Report Reference E225616-20200512
Date 18-Jul-2022

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

Model	Category Description
8B0C0320HC00.B00	DC/DC auxiliary supply modules
8B0C0320HW00.B00	DC/DC auxiliary supply modules
ACOPOSMulti , AC/DC power supply modules for DC bus (converters), 8BVP1650HC00, 8BVP1650HC00.004, 8BVP1650HC00.008, 8BVP1650HW00.004, 8BVP1650HW00.008, 8BVP1650HW00, 8BVP0880HC00, 8BVP0880HW00, 8BVP0440HC00, 8BVP0440HW00, 8B0P0440HC00, 8B0P0440HW00, 8BVP0220HC00, 8BVP0220HW00, 8B0P0220HC00, 8B0P0220HW00, 8B0P0110HC00, 8B0P0110HW00.	Power Conversion Equipment
ACOPOSMulti , Accessories - Expansion modules, 8BVE0500HC00, 8BVE0500HW00	Power Conversion Equipment
ACOPOSMulti , Accessories - Fan module for backplane, 8B0M0040HFF0	Power Conversion Equipment
ACOPOSMulti , Accessories - Fan units, 8BXF, followed by 3 alphanumeric, followed by ". ", followed by 4 numeric, followed by "-", followed by 2 numeric.	Power Conversion Equipment
ACOPOSMulti , Accessories - Plug-in modules, 8BAC0120, 8BAC0121, 8BAC0122, 8BAC0123, 8BAC0124, 8BAC0130, 8BAC0132, 8BAC0133 may be followed by up to 4 alphanumeric.	Power Conversion Equipment
ACOPOSMulti , Accessories - Programmable unit, 5PC820.SXxx	Power Conversion Equipment
ACOPOSMulti , Auxiliary chokes for active AC/DC power supplies, 8BVR0220H000, 8BVR0440H000, 8BVR0880H000, 8BVR1650H000	Power Conversion Equipment
ACOPOSMulti , Auxiliary Filters for active AC/DC power supplies, 8BVF0220H000, 8BVF0440H000, 8BVF0880H000	Power Conversion Equipment
ACOPOSMulti , Auxiliary Filters for passive AC/DC power supplies, 8B0F0160H000, 8B0F0300H000, 8B0F0550H000	Power Conversion Equipment
ACOPOSMulti , Capacitor (dc bus buffer) modules, 8B0K1650HC00, 8B0K1650HW00, 8B0K3630HC00, 8B0K3630HW00.	Power Conversion Equipment
ACOPOSMulti , DC/AC inverter modules, 8BVI0014HCD0, 8BVI0014HCDS, 8BVI0014HCS0, 8BVI0014HCSS, 8BVI0014HCSA, 8BVI0014HWD0, 8BVI0014HWDS, 8BVI0014HWS0, 8BVI0014HWSS, 8BVI0014HWSA, 8BVI0028HCD0, 8BVI0028HCD8,	Power Conversion Equipment

B. Mahlen

Bruce Mahrenholz, Director North American Certification Program

UL LLC

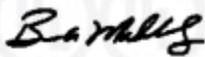
Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L225616-117-21500202-3
 Report Reference E225616-20200512
 Date 18-Jul-2022

<p>8BVI0028HCDS, 8BVI0028HCSO, 8BVI0028HCS8, 8BVI0028HCSS, 8BVI0028HCSA, 8BVI0028HWD0, 8BVI0028HWDS, 8BVI0028HWSO, 8BVI0028HWSS, 8BVI0028HWSA, 8BVI0055HCD0, 8BVI0055HCD8, 8BVI0055HCDS, 8BVI0055HCSO, 8BVI0055HCS8, 8BVI0055HCSS, 8BVI0055HCSA, 8BVI0055HWD0, 8BVI0055HWDS, 8BVI0055HWSO, 8BVI0055HWSS, 8BVI0055HWSA, 8BVI0110HCSO, 8BVI0110HCS8, 8BVI0110HCSS, 8BVI0110HCSA, 8BVI0110HCD0, 8BVI0110HCD8, 8BVI0110HCDS, 8BVI0110HWSO, 8BVI0110HWSS, 8BVI0110HWSA, 8BVI0110HWD0, 8BVI0110HWDS, 8BVI0220HCSO, 8BVI0220HCS8, 8BVI0220HCSS, 8BVI0220HCSA, 8BVI0220HCD0, 8BVI0220HCD8, 8BVI0220HCDS, 8BVI0220HWSO, 8BVI0220HWSS, 8BVI0220HWSA, 8BVI0220HWD0, 8BVI0220HWDS, 8BVI0330HCSO, 8BVI0330HCSS, 8BVI0330HCSA, 8BVI0330HWSO, 8BVI0330HWSS, 8BVI0330HWSA, 8BVI0440HCSO, 8BVI0440HCS8, 8BVI0440HCSS, 8BVI0440HCSA, 8BVI0440HWSO, 8BVI0440HWSS, 8BVI0440HWSA, 8BVI0660HCSO, 8BVI0660HCSS, 8BVI0660HCSA, 8BVI0660HWSO, 8BVI0660HWSS, 8BVI0660HWSA, 8BVI0880HCSO, 8BVI0880HCSS, 8BVI0880HCSA, 8BVI0880HWSO, 8BVI0880HWSS, 8BVI0880HWSA, 8BVI1650HCSO, 8BVI1650HCSS, 8BVI1650HWSO, 8BVI1650HWSS, 8BVI2000HCSO, 8BVI2000HCSS, 8BVI2000HWSO, 8BVI2000HWSS, may be followed by up to 4 alphanumeric.</p>	
<p>ACOPOSmulti, DC/DC auxiliary supply modules, 8B0C0160HC00.001, 8B0C0160HW00.001, 8B0C0160HC00.A01, 8B0C0160HW00.A01, 8B0C0320HC00.002, 8B0C0320HW00.002, 8B0C0160HC00.000, 8B0C0160HW00.000, 8B0C0320HC00.000, 8B0C0320HW00.000, 8B0C0320HC00.00A, 8B0C0320HW00.00A</p>	<p>Power Conversion Equipment</p>
<p>ACOPOSmulti, Field wiring terminal block kits, 8BZ, followed by 8 alphanumeric, followed by".", followed by 3 alphanumeric, followed by "-", followed by 2 alphanumeric.</p>	<p>Power Conversion Equipment</p>
<p>ACOPOSmulti, Mounting backplanes for use in ACPmulti, 8B0M0nn0HF00, 8B0M0nn0HW00, 8B0M0nn0HC00</p>	<p>Power Conversion Equipment</p>



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 UL-CA-L225616-417-21500202-3
Report Reference E225616-20200512
Date 18-Jul-2022

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

This is to certify that representative samples of NMMS7 - Power Conversion Equipment 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.

Standard(s) for Safety: CSA C22.2 No. 274, 2nd Ed., Issue Date: 2017-04-01

Additional Information: See the UL Online Certifications Directory 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.



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/>

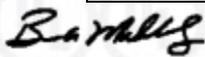


CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L225616-417-21500202-3
Report Reference E225616-20200512
Date 18-Jul-2022

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

Model	Category Description
8B0C0320HC00.B00	DC/DC auxiliary supply modules
8B0C0320HW00.B00	DC/DC auxiliary supply modules
ACOPOSMulti , AC/DC power supply modules for DC bus (converters), 8BVP1650HC00, 8BVP1650HC00.004, 8BVP1650HC00.008, 8BVP1650HW00.004, 8BVP1650HW00.008, 8BVP1650HW00, 8BVP0880HC00, 8BVP0880HW00, 8BVP0440HC00, 8BVP0440HW00, 8B0P0440HC00, 8B0P0440HW00, 8BVP0220HC00, 8BVP0220HW00, 8B0P0220HC00, 8B0P0220HW00, 8B0P0110HC00, 8B0P0110HW00.	Power Conversion Equipment
ACOPOSMulti , Accessories - Expansion modules, 8BVE0500HC00, 8BVE0500HW00	Power Conversion Equipment
ACOPOSMulti , Accessories - Fan module for backplane, 8B0M0040HFF0	Power Conversion Equipment
ACOPOSMulti , Accessories - Fan units, 8BXF, followed by 3 alphanumeric, followed by ".", followed by 4 numeric, followed by "-", followed by 2 numeric.	Power Conversion Equipment
ACOPOSMulti , Accessories - Plug-in modules, 8BAC0120, 8BAC0121, 8BAC0122, 8BAC0123, 8BAC0124, 8BAC0130, 8BAC0132, 8BAC0133 may be followed by up to 4 alphanumeric.	Power Conversion Equipment
ACOPOSMulti , Accessories - Programmable unit, 5PC820.SXxx	Power Conversion Equipment
ACOPOSMulti , Auxiliary chokes for active AC/DC power supplies, 8BVR0220H000, 8BVR0440H000, 8BVR0880H000, 8BVR1650H000	Power Conversion Equipment
ACOPOSMulti , Auxiliary Filters for active AC/DC power supplies, 8BVF0220H000, 8BVF0440H000, 8BVF0880H000	Power Conversion Equipment
ACOPOSMulti , Auxiliary Filters for passive AC/DC power supplies, 8B0F0160H000, 8B0F0300H000, 8B0F0550H000	Power Conversion Equipment
ACOPOSMulti , Capacitor (dc bus buffer) modules, 8B0K1650HC00, 8B0K1650HW00, 8B0K3630HC00, 8B0K3630HW00.	Power Conversion Equipment
ACOPOSMulti , DC/AC inverter modules, 8BVI0014HCD0, 8BVI0014HCDS, 8BVI0014HCS0, 8BVI0014HCSS, 8BVI0014HCSA, 8BVI0014HWD0, 8BVI0014HWDs, 8BVI0014HWS0, 8BVI0014HWSS, 8BVI0014HWSA, 8BVI0028HCD0, 8BVI0028HCD8,	Power Conversion Equipment



Bruce Mahrenholz, Director North American Certification Program

UL LLC

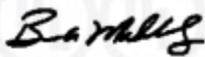
Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L225616-417-21500202-3
 Report Reference E225616-20200512
 Date 18-Jul-2022

<p>8BVI0028HCDS, 8BVI0028HCS0, 8BVI0028HCS8, 8BVI0028HCSS, 8BVI0028HCSA, 8BVI0028HWD0, 8BVI0028HWDS, 8BVI0028HWS0, 8BVI0028HWSS, 8BVI0028HWSA, 8BVI0055HCD0, 8BVI0055HCD8, 8BVI0055HCDS, 8BVI0055HCS0, 8BVI0055HCS8, 8BVI0055HCSS, 8BVI0055HCSA, 8BVI0055HWD0, 8BVI0055HWDS, 8BVI0055HWS0, 8BVI0055HWSS, 8BVI0055HWSA, 8BVI0110HCS0, 8BVI0110HCS8, 8BVI0110HCSS, 8BVI0110HCSA, 8BVI0110HCD0, 8BVI0110HCD8, 8BVI0110HCDS, 8BVI0110HWS0, 8BVI0110HWSS, 8BVI0110HWSA, 8BVI0110HWD0, 8BVI0110HWDS, 8BVI0220HCS0, 8BVI0220HCS8, 8BVI0220HCSS, 8BVI0220HCSA, 8BVI0220HCD0, 8BVI0220HCD8, 8BVI0220HCDS, 8BVI0220HWS0, 8BVI0220HWSS, 8BVI0220HWSA, 8BVI0220HWD0, 8BVI0220HWDS, 8BVI0330HCS0, 8BVI0330HCSS, 8BVI0330HCSA, 8BVI0330HWS0, 8BVI0330HWSS, 8BVI0330HWSA, 8BVI0440HCS0, 8BVI0440HCS8, 8BVI0440HCSS, 8BVI0440HCSA, 8BVI0440HWS0, 8BVI0440HWSS, 8BVI0440HWSA, 8BVI0660HCS0, 8BVI0660HCSS, 8BVI0660HCSA, 8BVI0660HWS0, 8BVI0660HWSS, 8BVI0660HWSA, 8BVI0880HCS0, 8BVI0880HCSS, 8BVI0880HCSA, 8BVI0880HWS0, 8BVI0880HWSS, 8BVI0880HWSA, 8BVI1650HCS0, 8BVI1650HCSS, 8BVI1650HWS0, 8BVI1650HWSS, 8BVI2000HCS0, 8BVI2000HCSS, 8BVI2000HWS0, 8BVI2000HWSS, may be followed by up to 4 alphanumeric.</p>	
<p>ACOPOSmulti, DC/DC auxiliary supply modules, 8B0C0160HC00.001, 8B0C0160HW00.001, 8B0C0160HC00.A01, 8B0C0160HW00.A01, 8B0C0320HC00.002, 8B0C0320HW00.002, 8B0C0160HC00.000, 8B0C0160HW00.000, 8B0C0320HC00.000, 8B0C0320HW00.000, 8B0C0320HC00.00A, 8B0C0320HW00.00A</p>	<p>Power Conversion Equipment</p>
<p>ACOPOSmulti, Field wiring terminal block kits, 8BZ, followed by 8 alphanumeric, followed by".", followed by 3 alphanumeric, followed by "-", followed by 2 alphanumeric.</p>	<p>Power Conversion Equipment</p>
<p>ACOPOSmulti, Mounting backplanes for use in ACPmulti, 8B0M0nn0HF00, 8B0M0nn0HW00, 8B0M0nn0HC00</p>	<p>Power Conversion Equipment</p>



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/>

