CERTIFICATE OF COMPLIANCE

Certificate Number	20190308-E505880
Report Reference	E505880-20190305
Issue Date	2019-MARCH-08
Issued to:	Murrelektronik GmbH Falkenstrasse 3 71570 Oppenweiler GERMANY
This certificate confirms that representative samples of	ENVIRONMENTAL-RATED ACCESSORIES FOR ENCLOSURES Front Panel Interfaces, Modlink MSDD, series 4 and Modlink MSDD, series 4 set Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	See next page for standards
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.

Standard(s) for Safety:

UL 508A, INDUSTRIAL CONTROL PANELS
UL 50, ENCLOSURES FOR ELECTRICAL EQUIPMENT, NON-ENVIRONMENTAL CONSIDERATIONS
UL 50E, ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS
CSA C22.2 no. 14-18, INDUSTRIAL CONTROL EQUIPMENT
CSA C22.2 no. 94.1-15, ENCLOSURES FOR ELECTRICAL EQUIPMENT, NON-ENVIRONMENTAL CONSIDERATIONS
CSA C22.2 no. 94.2-15, ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS

Bruce Mahrenholz, Director North American Certification Program

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DESCRIPTION

PRODUCT COVERED:

USL, CNL – Front Panel Interfaces, Modlink MSDD, series 4 and Modlink MSDD, series 4 set.

See TABLE 1 – ENVIRONMENTAL RATINGS (below), for detailed models covered and their corresponding environmental Type Ratings.

GENERAL:

These products are intended for mounting on a flat surface into cutouts on Industrial Control Panel Enclosure.

The “Front Panel Interface Modlink MSDD” consist of a frame, provided with a hinged cover and may be equipped with optional inserts and may be provided with an optional flange plate. These products comply with environmental Type Ratings, if mounted as intended and according manufacturer instructions, as noted under RATINGS below.

The “Front Panel Interfaces Modlink MSDD” are intended for use with recognized interface inserts from the same manufacturer if used according manufacturer instructions and as noted under CONSTRUCTION DETAILS, below.

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

USL - Products designated USL have been investigated using requirements contained in the following Standard(s):

UL 508A - INDUSTRIAL CONTROL PANELS.

UL 50 - ENCLOSURES FOR ELECTRICAL EQUIPMENT, NON-ENVIRONMENTAL CONSIDERATIONS.

UL 50E - ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS.

CNL - Products designated CNL have been investigated using requirements contained in the following Standard(s):

CSA C22.2 No.14 - INDUSTRIAL CONTROL EQUIPMENT.

CSA C22.2 No. 94.1 - ENCLOSURES FOR ELECTRICAL EQUIPMENT, NON-ENVIRONMENTAL CONSIDERATIONS.

CSA C22.2 No. 94.2 - ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS.

ABBREVIATIONS:

USL = United States Standards – Listed
CNL = Canadian National Standards – Listed
R/C = Recognized Component
CoA = Condition(s) of Acceptability

RATINGS:

TABLE 1 – ENVIRONMENTAL RATINGS:

Model / Part no.:	Environmental Type Rating:
Front Panel Interfaces Modlink MSDD, series 4 - Modlink MSDD Interface frame for 1 insert:	
4xxx-68512-0000001 4xxx-68513-0000001 4xxx-68514-0000001 4xxx-68515-0000001 (x = any alphanumeric characters)	1, 4, 4X, 12, 13
Front Panel Interfaces Modlink MSDD, series 4 - Modlink MSDD Interface frame for 1 or 2 inserts:	
4xxx-68522-0000001 4xxx-68523-0000001 4xxx-68524-0000001 4xxx-68525-0000001 (x = any alphanumeric characters)	1, 4, 4X, 12, 13
Front Panel Interfaces Modlink MSDD, series 4 - Flange plate (optional) for Modlink MSDD Interface:	
4000-68000-9150000 (for use with 1-insert frame) 4000-68000-9160000 (for use with 2-inserts frame)	1, 4, 4X, 12, 13
Front Panel Interfaces Modlink MSDD, series 4 - Optional internal cover for Modlink MSDD Interface:	
4000-68000-9140000 4000-68000-9180000	N/A
Front Panel Interfaces Modlink MSDD, series 4 - Inserts, to use with Modlink MSDD Interface frames:	
4000-68000-xxx000x (NOTE: See R/C File E201820 and E205946 for available insert models and corresponding electrical ratings.)	N/A