

CERTIFICATE OF COMPLIANCE

Certificate Number E501881
Report Reference E501881-20210517
Date 2021-October-11

Issued to: Pepperl+Fuchs AG
Lilienthalstrasse 200
Mannheim 68307 DE

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

ISOLATED LOOP CIRCUIT PROTECTORS FOR USE IN
HAZARDOUS LOCATIONS

See Addendum Page for Product Designation(s).

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

Standard(s) for Safety: See Addendum Page

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

Surge Protection Barriers, M-LB-Ex-2**** series; for use in Class I, Division 1, Group A, B, C, D, hazardous locations.

Intrinsically safe when installed in accordance with control drawing No. 116-0479.

Surge Protection Barriers, series M-LB-Ex-2****, for use in Class I, Division 2, Group A, B, C, D, hazardous locations.

Non-incendive, when installed in accordance with control drawing No. 116-0479.

Model M-LB-Ex-2****, followed by 1, followed by 1 or 4, followed by 2 or 4, may be followed by SP, may be followed by any digits or symbols specifying properties without safety relevance.

Surge Protection Barriers, M-LB-2**** series, for use in Class I, Division 2, Group A, B, C, D, hazardous locations, open type for use in a tool secured enclosure.

Model M-LB-2****, followed by 1, followed by 1 or 4, followed by 2 or 4, may be followed by SP, may be followed by any digits or symbols specifying properties without safety relevance.

Class I, Division 1 or 2, Group A, B, C, D, hazardous locations.

Intrinsically safe or non-incendive when installed in accordance with control drawing No. 116-0484, open type for use in a tool secured enclosure.

Model M-LB-Ex-51, followed by 1 or 4, followed by 2 or 4, may be followed by any digits or symbols specifying properties without safety relevance, mounted on the Base Module M-LB-5000 or M-LB-5000.SP.

Class I, Division 2, Group A, B, C, D, hazardous locations.

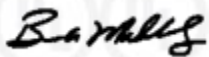
For use in intrinsically safe circuits when installed in accordance with control drawing No. 116-0485, open type for use in a tool secured enclosure.

Surge Protection Barriers, Model M-LB-Ex-52, followed by 1, followed by 1 or 4, followed by 2 or 4, may be followed by any digits or symbols specifying properties without safety relevance, mounted on the Base Module M-LB-Ex-5000 or M-LB-Ex-5000.SP.

Class I, Division 2, Group A, B, C, D, hazardous locations, open type for use in a tool secured enclosure.

Surge Protection Barriers, Model M-LB-51 or M-LB-52, followed by 1, followed by 1 or 4, followed by 2 or 4, may be followed by any digits or symbols specifying properties without safety relevance, mounted on the Base Module M-LB-5000 or M-LB-5000.SP.

Class I, Division 1 or 2, Group A, B, C, D, hazardous locations.



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Intrinsically safe or non-incendive when installed in accordance with control drawing No. 116-0484 or 116-0485, open type for use in a tool secured enclosure.

Base unit, Model M-LB-5000 and M-LB-5000.SP; open type equipment, for use in Class I, Division 2, Group A, B, C, D, hazardous locations.

Standards:

UL 913 - STANDARD FOR INTRINSICALLY SAFE APPARATUS AND ASSOCIATED APPARATUS FOR USE IN CLASS I, II, III, DIVISION 1, HAZARDOUS (CLASSIFIED) LOCATIONS

CSA C22.2 NO. 60079-11:14 - EXPLOSIVE ATMOSPHERES — PART 11: EQUIPMENT PROTECTION BY INTRINSIC SAFETY “I”

CSA C22.2 NO. 60079-0 - EXPLOSIVE ATMOSPHERES — PART 0: EQUIPMENT — GENERAL REQUIREMENTS

UL 121201 & CSA C22.2 NO. 213-17 - NONINCENDIVE ELECTRICAL EQUIPMENT FOR USE IN CLASS I AND II, DIVISION 2 AND CLASS III, DIVISIONS 1 AND 2 HAZARDOUS (CLASSIFIED) LOCATIONS

CSA C22.2 No. 14-18 - Industrial Control Equipment



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