



Certificate of Compliance

Certificate: LR 36637-28

Master Contract: 152423

Project: 70094934

Date Issued: 2016-12-22

Issued to: Eaton Electric Limited

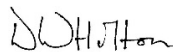
Great Marlings
Butterfield
Luton, Bedfordshire LU2 8DL
United Kingdom

Attention: Peter Rigling

The products listed below are eligible to bear the CSA Mark shown



Issued
by:


David Holton

PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

Class I, Groups A, B, C and D; Class I, Groups E, F and G.

Zener barrier device MTL No 758, two channel, providing intrinsically safe circuits (output) 7.5V, 10 ohms.

Notes:

1. MTL 758 may be mounted in a suitable protective enclosure installed in Div 2 or non-hazardous locations and must be connected by means of the two studs linked to a grounded copper busbar or equivalent, and where the suitability of the combination is determined by the Canadian Standards Association.
2. Field wiring from MTL 758 to hazardous location must not exceed the values given in the manufacturer's system specifications and the primary circuit potentials must not exceed 250V rms or 250V dc with respect to ground.



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Class I, Groups A, B, C and D:

MTL677 Loop Powered Switch Status LCD Display, input rated 100uA; intrinsically safe when connected through CSA Certified safety barrier, rated 30V dc max, 300 ohms min; Temp. Code T3C; Max. Ambient 60EC.

MTL821 and MTL821B Loop Powered Multiplexer Transmitter; intrinsically safe when connected through CSA Certified safety barrier, rated 30V dc max, 300 ohms min. or in accordance with MTL Dwg. Nos. SCI-63, SCI-164 and SCI-165; Temp. Code T4; Max. Ambient 60EC.

Note: The acceptability of the final enclosure and the intrinsic safety compatibility for the MTL821/821B is to be verified by CSA or the local Inspection Authority having jurisdiction.

CLASS 2252 01 - PROCESS CONTROL EQUIPMENT

MTL825 Multiplexer Receiver, input rated 24Vdc, 0.1A; output contacts rated 150Vac, 50Vdc, 0.1A.

Note: The MTL825 must be mounted in a suitable enclosure acceptable to CSA or the local Inspection Authority having jurisdiction.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No.157-92 Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

MARKINGS

MTL 677

- The CSA Monogram.
- Submitter's identification.
- The symbol "Exia".
- The words "INTRINSICALLY SAFE" and "SECURITE INTRINSIQUE".
- Hazardous location designation (Class I, Groups A, B, C and D).
- The statement: "SUITABLE FOR USE INTRINSICALLY SAFE LOOP CIRCUIT PROVIDED THAT THE LOOP CIRCUIT DOES NOT EXCEED 30V DC MAX, 100MA MAX, 1.2W MAX" or wording of equal meaning.
- Max ambient temperature.
- Temp code rating: T3C.
- Month and year of manufacture or date coding or serial number.
- The caution: "WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY" and "AVERTISSEMENT: LA SUBSTITUTION DE COMOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSIQUE".
- Model designation.



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MTL 758

- The CSA Monogram.
- Submitter's identification.
- Model designation.
- Electrical rating: hazardous area volts and ohms, safe area maximum volts.
- Hazardous location designation.
- Date code or serial number.
- The symbol "Exia".
- The words "ASSOCIATED EQUIPMENT" and "APPAREILLAGE CONNEXE".
- Maximum ambient temperature.
- Statement that the zener barrier must be mounted in a suitable protective enclosure installed in Div 2 or non-hazardous locations and that it must be connected by means of the two studs to grounded copper busbar and that the safe area potential must not exceed 250 rms or dc with respect to ground.

MTL 821 and 821B

- The CSA Mark.
- Submitter's identification.
- Model designation.
- Date code or serial number.
- Maximum ambient temperature.
- Temp code rating: T4.
- Hazardous location designation.
- The symbol "Exia".
- Reference to I.S. Installation drawing.
- The words "INTRINSICALLY SAFE" and "SECURITE INTRINSIQUE".
- The caution: "WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY" and "AVERTISSEMENT: LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSIQUE", appears as part of the installation drawing.

Note: On MTL 758, 67, 821 and 821B installation instructions may be covered in accompanying literature provided that the literature is referenced on the label.

MTL 825

- The CSA Mark.
- Submitter's identification.
- Model designation.
- Date code or serial number.
- Maximum ambient temperature.
- Electrical rating: Input in volts and amperes, signal input/output in volts maximum and amperes maximum; relay contacts rating in volts (ac or dc), amperes and type of duty.



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
70094394	2016-12-22	Report re-issued; change of company name on certificate from Measurement Technology Limited to Eaton Electric Limited and the address from Power Court, Luton, Bedfordshire, LU1 3JJ, England to Great Marlings, Butterfield, Luton, Bedfordshire LU2 8DL, United Kingdom.
LR 36637-113	1998-03-02	Report Edition 6: update to include model MTL 821B
LR 36637-64	1993-02-17	Report Edition 5
LR 36637-56	1992-06-25	Report Edition 4: pages 1 and 8 replaced
LR 36637-53	1992-05-07	Report Edition 3: report re-issued; figures replaced: 4(1/6) and 4(5/6), figure added: 4A
LR 36637-28	1989-09-22	Report Edition 1: Original certification