



# Certificate of Compliance

**Certificate:** 1192829 (LR 36637-41)

**Master Contract:** 152423

**Project:** 70094927

**Date Issued:** December 19, 2016

**Issued to:** Eaton Electric Ltd.  
Great Marlings  
Butterfield, Luton  
Bedfordshire  
LU2 8DL  
United Kingdom

**Attention:** Mr. Peter Rigling

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



**Issued by:** D.Egerton

## **PRODUCTS**

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

### **Class I, Groups A, B, C, D:**

MTL 831 and MTL 83 IB Analog Multiplexer Transmitter; max input 1 SV de, 3 0 0 m A or 30V de, 1 SOmA, for mounting in hazardous locations and designed to simultaneously monitor up to 16 Thennocouples (THCs) or up to 15 Resistance Temperature Devices (RTDs) also located in the hazardous location; intrinsically safe when connected in accordance with MTL Dwg. No. SCI-243. Temperature Code T4@Max. Ambient 60 ° C.



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### **APPLICABLE REQUIREMENTS**

|                             |   |   |
|-----------------------------|---|---|
| CSA Std C22.2 No. 142-M1987 | - | Process Control Equipment   |
| CAN/CSA-C22.2 No. 157-92    | - | Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations |

### **MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

- Submitter's identification;
- Model designation;
- Date code or serial number;
- Input volts and current;
- Temperature code rating (T4);
- Hazardous location designation (Class I);
- CSA Monogram;
- The words "INTRINSICALLY SAFE" and "SECURITE INTRINSEQUE";
- The symbol "Ex ia";
- The words "WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY" and "AVERTISSEMENT: LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSEQUE";
- Reference to installation instructions.



## *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**

| <b>Project</b> | <b>Date</b>       | <b>Description</b>   |
|----------------|-------------------|--|
| 70094927       | December 19, 2016 | Update report 1192829 to change of company name from Measurement Technology Ltd to Eaton Electric Ltd.               |
| 1249480        | October 4, 2001   | Update of Report 1192829 to cover report corrections   |
| 1192829        | April 30, 2001    | Supersedes Report LR 36637-41: (MTL 831 Multiplexer transmitter). To cover construction revision for Model MTL 831B. |
| -108           | July 4, 1997      | Addition of Model MTL831B.   |