

# **Certificate of Compliance**

Certificate: LR 36637-118

Project: 70095227

Issued to: Eaton Electric Ltd. Great Marlings Butterfield, Luton Bedfordshire LU2 8DL United Kingdom Master Contract: 152423

Date Issued: December 20, 2016

Attention: Mr. Peter Rigling

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



**Issued by:** D Egerton

#### **PRODUCTS**

Class 2258-04 PROCESS CONTROL EQUIPMENT – Intrinsically Safe Entity – For Hazardous Locations

Class I, Groups A, B, C & D; Class II, Groups E, F & G; Class III

-Series MTL791 Fieldbus Barrier, input rated 35 Vdc max, 60 mA max, with Fieldbus Terminator, Model FBT1 (for use in class I locations only, T-Code T4); providing intrinsically safe field circuits when connected as per MTL Installation Drawing SCI-744, with output Entity parameters as shown below:

Model MTL	Term	Entity Parameters								
		VOC (V)	Isc (mA)	Po (W)	Ca uF A,B	Ca uF C,E	Ca uF D,F,G	La mH A,B	La mH C,E	La mH D,F,G
791	3-4	22	233	1.18	0.24	0.74	1.99	0.31	2.97	5.5



Certificate: 1192829 Project:70095227

Master Contract: 152423 Date Issued: December 20, 2016

<u>Note 1:</u> The MTL 791 is for rail mounting in a suitable protective enclosure I a class I, Div 2 hazardous location or a non-hazardous locations (Max Ambient 60 Deg C) and must be installed in accordance with the manufacturer's instructions.

<u>Note 2:</u> The FBTI is for rail mounting in a suitable protective enclosure in a class I, Div 1 hazardous location (Max Ambient 60 Deg C) and must be installed in accordance with the manufacturer's instructions.

#### **APPLICABLE REQUIREMENTS**

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.

#### Model MTL 791 Barrier

- CSA Monogram
- Company Name
- Model number
- Electrical rating
- The Symbol (Exia)
- The words "ASSOCIATED EQUIPMENT/APPAREILLAGE CONNEXE"
- Reference to Installation Instructions;
- A statement re Intrinsic Safety
- Max. Ambient temp. rating

#### Model FBT1 Terminator

- CSA Monogram
- Company name
- Model number
- The Symbol Exia
- The words "INTRINSICALLY SAFE/SECURITE INTRINSIQUE"
- Reference to Installation Instructions;
- A statement re Intrinsic Safety
- Max. Ambient temp rating
- Temperature Code Rating



## Supplement to Certificate of Compliance

Certificate: LR 36637-118

Master Contract: 152423

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
70095227	December 20, 2016	Update report LR-36637-118 to change of company name from Measurement Technology Ltd to Eaton Electric Ltd.
-118	March 10, 1998	Original Certification.