



## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>EATON ELECTRIC LIMITED</b>
<b>Address</b>	Great Marlings, Butterfield, Luton, LU2 8DL, United Kingdom
<b>Place of Production</b>	MTL Instruments Pvt. Ltd.  3, Old Mahabalipuram Road, Sholinganallur, Chennai, Tamil Nadu, 600119, India
<b>Type</b>	Barrier Units
<b>Description</b>	MTL7706, MTL7707, MTL7707P, MTL7710, MTL7710P, MTL7715, MTL7715P, MTL7722, MTL7728, MTL7728P, MTL7729P, MTL7741, MTL7742, MTL7743, MTL7744, MTL7745, MTL7751, MTL7755, MTL7756, MTL7758, MTL7760, MTL7761, MTL7761P, MTL7764, MTL7765, MTL7766, MTL7766P, MTL7767, MTL7768, MTL7772, MTL7778, MTL7779, MTL7787, MTL7787P, MTL7788, MTL7788R, MTL7789, MTL7796, MTL7798*, MTL7799**  * MTL7798 is a power feed module **MTL7799 is a dummy barrier
<b>Trade Name</b>	MTL7700 series
<b>Application</b>	Marine, offshore and industrial use in environmental categories ENV1 and ENV2 as described in Lloyd's Register Test Specification No.1 2015

*Michael Hickey*

**Michael Hickey**

Marine Control and Automation Engineer to  
Lloyd's Register EMEA  
A member of the Lloyd's Register group

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<b>Specified Standard</b>	EN 60079-0 EN 60079-11
<b>Ratings</b>	MTL7707P and MTL7729P: Ex II (1) GD [Ex ia Ga] IIB (-20°C to +60°C) [Ex ia Da] IIIC (-20°C to +60°C)  All other types except MTL 7798 and MTL 7799: Ex II (1) GD [Ex ia Ga] IIC (-20°C to +60°C) [Ex ia Da] IIIC (-20°C to +60°C)

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** 06/00112(E3)

The Design Appraisal Document LR2347021TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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## LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

Issue by: UK&I Technical Support Office

Issued to: EATON ELECTRIC Limited

For: MTL 7700 series Safety Barrier

Type: MTL7706, MTL7707, MTL7707P, MTL7710, MTL7710P, MTL7715, MTL7715P, MTL7722, MTL7728, MTL7728P, MTL7729P, MTL7741, MTL7742, MTL7743, MTL7744, MTL7745, MTL7751, MTL7755, MTL7756, MTL7758, MTL7760, MTL7761, MTL7761P, MTL7764, MTL7765, MTL7766, MTL7766P, MTL7767, MTL7768, MTL7772, MTL7778, MTL7779, MTL7787, MTL7787P, MTL7788, MTL7788R, MTL7789, MTL7796, MTL7798 & MTL7799

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

### APPROVAL DOCUMENTATION

EATON	EU Declaration of conformity for MTL7700 range No. MTL14DOC7700	22.07.2021
LR	LR PQA audit report No. PRJ 11100402575	02.05.2023

### CERTIFICATES

BSI	BSI ISO 9001:2015 Certificate No.FM 66641	26.04.2021
BASEEFA	EU Type Examination certificate No. Baseefa01ATEX7217 Issue 10	26.09.2018
BASEEFA	EU Type Examination certificate No. Baseefa01ATEX7218 Issue 6	12.10.2016

Also all the documentation listed on Design Appraisal Document associated with Type Approval Certificate No. LR2347021TA

Michael Hickey  
 Specialist, Electrotechnical  
 Engineering Systems  
 UK&I Technical Support Office, Marine & Offshore  
 Lloyd's Register Global Technology Centre

### Supplementary Type Approval Terms and Conditions

*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

*Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.*

*Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*



Page	2 of 2
Certificate No:	LR2347021TA
Issue Date:	13.10.2022
Expiry Date:	12.10.2027
Reference:	UKITSO/TA/WP49404836

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*Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.*

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