



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.

Manufacturer	EATON ELECTRIC LIMITED
Address	Great Marlings, Butterfield, Luton, LU2 8DL, United Kingdom
Place of Production	MTL Instruments Pvt. Ltd. 3, Old Mahabalipuram Road, Sholinganallur, Chennai, Tamil Nadu, 600119, India
Type	Surge Protection Devices (Spd)
Description	Transient Surge Protection Device for Foundation Fieldbus Communication Lines
Trade Name	FP32
Application	Marine, offshore and industrial use in environmental categories ENV3 as described in Lloyd's Register Test Specification No.1: 2015
Specified Standard	EN 60079-0 EN 60079-11
Ratings	Ex II 1G Ex ia IIB T3 Ga (-40°C to +60°C) Ex ia IIC T4 Ga (-40°C to +70°C)

Michael Hickey

Michael Hickey

Marine Control and Automation Engineer to
Lloyd's Register EMEA
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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: 09/60014(E1)

The Design Appraisal Document LR2347242TA 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: FP32 Fieldbus Surge Protection device

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 FP32 Surge Protector No. MTL16DOCFP32	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. Baseefa04ATEX0260 Issue 5	12.06.2017

Also all the documentation listed on Design Appraisal Document associated with Type Approval Certificate No. LR2347242TA

Michael Hickey
Specialist, Electrotechnical
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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.

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.