



## 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>Type</b>	Control Units
<b>Description</b>	Comprising: 9121-IS-CM or 9122-IS-CM 9129-IS 9109-CA-PS 9109-CA-PC 9126-PU FISCO Power Supply Supply Arbitration Module Module Carrier, screw terminal Module Carrier, spring clamp terminal 4 segment host power supply module
<b>Trade Name</b>	9109-2X Redundant 4-segment FISCO Power Supply System
<b>Application</b>	For use in environmental categories ENV1, ENV2 and ENV3 as described in Lloyd's Register Test Specification No.1: 2015
<b>Specified Standard</b>	EN 60079-0 EN 60079-11
<b>Additional Tests</b>	See Ex certificates for Explosion protection types
<b>Other Conditions</b>	Equipment suitable for general distribution zones only

*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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## Type Approval Certificate

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:** 12/00031(E1)

The Design Appraisal Document LR2348988TA 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: Redundant 4-segment FISCO Power Supply System

Type: 9109-2X,

9121-IS-CM, 9122-IS-CM, 9129-IS, 9109-CA-PS, 9109-CA-PC, 9126-PU

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 910X range No. MTL16DOC910X	22.07.2021
EATON	EU Declaration of conformity for 912X range No. MTL15DOC912X	22.07.2021
LR	LR PQA audit report No. PRJ11100402575	24.02.2023
BSI	BSI ISO 9001:2015 Assessment Report	11.05.2022

### CERTIFICATES

BSI	BSI ISO 9001:2015 Certificate No.FM 665913	02.02.2022
BASEEFA	EU Type Examination certificate No. Baseefa09ATEX0127 Issue 2	25.10.2016
BASEEFA	EU Type Examination certificate No. Baseefa02ATEX7276 Issue 7	22.04.2020
BASEEFA	EU Type Examination certificate No. Baseefa02ATEX7277 Issue 7	22.04.2020

Also all the documentation listed on Design Appraisal Document associated with Type Approval Certificate No. LR2348988TA-02

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.*

*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.*