Certificate No: LR2001911TA
Issue Date: 28/04/2020
Expiry Date: 20/02/2025

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	**Schneider Electric France**
Address	8ème Rue-ZI Carros, Carros Cedex, 06516, France
Type	Control Units
Description	Industrial Ethernet rail switch MCSESM-E series Software release: 08.x Accessory: MCSEAM0100 Memory Backup Adapter
Trade Name	MCSESM083F23F1, MCSESM103F2CU1, MCSESM103F2CS1 MCSESM083F23F1H, MCSESM103F2CU1H, MCSESM103F2CS1H
Application	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and category ENV3 for types MCSESM……..H (general power distribution zones) as defined in Lloyd's Register's Type Approval System, Test Specification Number 1– March, 2019.
Specified Standard	EN 55032:2015 Class A EN61000-6-2:2005 EN 61131-2: 2007 EN 50121-4:2016

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Ratings

Power supply: 12… 24 V DC
MCSESM083F23F1(H): 8*100Mbit ports, Twisted Pair (TX) RJ45
MCSESM103F2CU1(H): 8*100Mbit ports, Twisted Pair (TX) RJ45
+2*100Mbitports, Multimode (FX) DSC
MCSESM103F2CS1(H): 8*100Mbitports, Twisted Pair (TX) RJ45
+2*100Mbit ports,Singlemode (FX) DSC

Other Conditions

For installation on bridge and deck zone, the provided ferrite core is mandatory on power supply cable.

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.

The Design Appraisal Document No. HTS/ETS 39537-20/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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