



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
Place of Production	PT. Schneider Electric Manufacturing Batam Batamindo Industrial Park, Block 4 & 208, Muka Kuning, Batam Island, 29433, Indonesia
Place of Production	Schneider Electric Manufacturing Carros 8ème Rue, ZI Carros, Carros Cedex, 06516, France
Place of Production	Wuxi Pro-face Co.,Ltd. No.516, Xida Road, Wuxi City, Jiangsu Province, China
Type	Programmable logic controller & I/O Modules
Description	Programmable Logic Controller, Automation Platform
Trade Name	Modicon M340 – M580-x80
Application	Marine and Offshore applications for Environmental category ENV 3 as defined in Lloyd's Register Type Approval Scheme, Test Specification number 1, 2021
Specified Standard	IEC 61131-2 / IACS E10

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Peter Huntley-Hawkins

Electrical & Control Technical Manager - UK & America to Lloyd's Register EMEA
A member of the Lloyd's Register group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Type Approval Certificate

Rules and Regulations of Ships 2023

Ratings

See Appendix

Other Conditions

Alarms and safeties are not to be combined in same PLC.
For safety related software SCA Software conformity assessment needs to be complied with.

Any application software is not included in this certificate and should be submitted for review against the Rules and regulations.
Components to be placed in EMC cabinet to comply with limits 156-165 MHz.

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: 18/30010

The Design Appraisal Document PRJ11100400524-RTSO-ETS-AvW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.