Certificate No: LR26485051TA
Issue Date: 03/09/2026
Expiry Date: 02/09/2031

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 Industries SAS**
Address	1884, Boulevard de la Défense, Nanterre, 92000, France
Place of Production	Schneider Electric Manufacturing Carros 8ème Rue, ZI Carros, Carros Cedex, 06516, France
Type	Protective Devices
Description	Digital protection unit for electrical distribution network Sepam series 80 - with remote advanced user machine interface (UMI) - with integrated advanced user machine interface (UMI) - with mimic-based user machine interface (UMI)
Trade Name	Sepam series 80
Application	Marine applications for use in environmental categories ENV1, ENV2 and ENV3, as defined in Lloyd's Register Type Approval System, Test Specification Number 1 – December 2002.
Specified Standard	IEC 60255-26: 2023 IEC 60255-27: 2023 IACS E10 Rev. 10 / 2024
Ratings	Auxiliary power supply: 24 – 250 VDC

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Pawan Borate

Specialist Electrical & Control to Lloyd's Register Marine and Offshore India LLP
A member of the Lloyd's Register group

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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Firmware version: V10.02

Additional Tests

Low temperature test: -25 °C / 2 h
Ingress protection: IP 52 (Front) / IP 20 (Back with or without MES option)

Other Conditions

For systems consisting of the listed components the final functional arrangement and application software are to comply with appropriate Lloyd's Register Rules and Regulations and shall be subject to project related Plan Approval Process, when installed on LR classed vessels. Documents and drawings for the actual application are to be provided according relevant LR Rules and Regulations.

If used in marine applications for safety critical functions leading to stop of machinery, back up means independent of Sepam series 80 are to be provided unless an LR Software Conformity Certificate could be provided.

Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

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 Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR22226093TA

The Design Appraisal Document TSO-26-057397-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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