Certificate No: LR2483759TA
Issue Date: 20/09/2024
Expiry Date: 27/01/2028

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	**Prysmian Group Netherlands BV**
Address	Abel Tasmanstraat 1, Emmen, 7821 AN, Netherlands
Type	Cables Accessories
Description	Flame retardant, halogen free cross linked polyethylene (XLPE) insulated, SFH1 over sheathed, unbraided, power cable (0.6/1kV).
Trade Name	TI 0.6/1kV
Application	Fixed wiring on ships offshore and industrial installations.
Specified Standard	IEC 60092-353 ed 5.0, IEC 60092-351 ed 3.0, IEC 60092-359 SHF1 ed 1.2, IEC 60332-1 ed 1.1, IEC 60332-3-22, Cat. A , ed 2.0, IEC 60754-1 ed 3.1 & -2, ed 2.1, IEC 61034 1&2 , ed 3.2
Ratings	Rated voltage: 0, 6/1 kV. Range:

Number of cores	Conductor cross section mm²
1	16, 25, 35, 50, 70, 95, 120, 150, 185, 240 & 300

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Thorsten Wolff

Electrical & Control - Senior Specialist to
Lloyd's Register EMEA
A member of the Lloyd's Register group

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2	1.5, 2.5, 4, 6, 10, 16, 25 & 35
3G	1.5, 2.5 & 4
3	1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120 and 150
4G	1.5, 2.5, 4 & 6
4	1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95 & 120
5G	1.5, 6 & 16
5	1.5 & 2.5
7	1.5 & 2.5
10	1.5
12	1.5 & 2.5
14, 16, 19, 24, 27 & 37	1.5

Other Conditions

Maximum continuous conductor temperature: 90°C.
The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.
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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: This certificate supersedes certificate number LR23353180TA issued on 30.06.2022 which is hereby cancelled.

The Design Appraisal Document TSO-24-016844-SR-TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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