Certificate No: LR2483295TA
Issue Date: 20/09/2024
Expiry Date: 17/07/2028

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	Fire resistant, flame retardant, halogen free, cross linked polyethlene (XLPE) insulated, SFH1 over sheathed, braided, instrumentation and communication cable.
Trade Name	BXOI 250V & BXOI(i) 250V
Application	Fixed wiring on ships, offshore and industrial installations.
Specified Standard	Construction: IEC 60092-376 ed3.0 Conductors: Annealed stranded copper wire Insulation: Mica tape/ XLPE to IEC 60092-351 ed3.0 Sheath: Halogen free thermoplastic com-pound to IEC 60092-359 SHF1 ed1.2 Fire resistance: IEC 60331-21 ed1.0 Armour: Tinned copper wire braid Flame retardance: IEC 60332-1 ed1.1 and IEC 60332-3-22 ed2.0 Category A Smoke emission: IEC 60754-1 ed3.1 & 2 ed2.1 and IEC 61034-1 & -2 ed3.2

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Thorsten Wolff

Electrical & Control - Senior Specialist to
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Ratings

Rated Voltage: 250V

Range:
BXOI

Number of pairs	Cross sectional area (mm^2)
1, 2, 4, 7, 10, 14, 19 or 24	0,75 & 1,5
1 quad	0,75 & 1,5

BXOI(i) with each pair wrapped in polyester tape to prevent electrical contact with adjacent pairs

Number of pairs	Cross sectional area (mm^2)
2, 4, 7, 10, 14, 19 or 24	0,75 & 1,5

Other Conditions

Maximum 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: 18/30040

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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