Certificate No: LR2487007TA
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	Halogen free, low smoke, flame retardant power and control cable.
Trade Name	HUSK-FR BFXI power cable 0,6/1 kV stranded circular conductors (class 2 and class 5), XLPE/mica insulated, filler or polyester tape wrapping, SHF1 sheathed. HUSO-FR BIOI power cable 0,6/1 kV stranded circular conductors (class 2 and class 5), XLPE/mica in
Application	Fixed wiring on ships offshore and industrial installations.
Specified Standard	IEC 60092-350 ed5.0/-351 ed3.0/-353 ed5.0/-359 ed1.2, IEC 60332-1, ed1.1, IEC 60332-3-22, Cat. A, ed2.0, IEC 60754, ed3.1, IEC 61034, ed3.2, IEC 60228, ed4.0, HD 308 (2001), IEC60331-21 ed1.0.
Ratings	Rated Voltage 0.6/1KV Range:

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Thorsten Wolff

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

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

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Conductor cross section	Number of cores
1,5 - 300 mm^2	1
1,5 - 35 mm^2	2
1,5 - 240 mm^2	3
1,5 - 25 mm^2	4
1,5 - 2,5 mm^2	5 up to 12, 19
1,5 mm^2	16, 24

Other Conditions

Class 5/2 conductor is a flexible conductor according to IEC 60228 class 5, but with a conductor resistance according to IEC 60228 class 2.
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: 18/30037

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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