



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.

This certificate is issued to:

APPLICANT

Prysmian Group Netherlands B.V.
Abel Tasmanstraat 1
7821 AN Emmen
The Netherlands

PLACES OF PRODUCTION

Prysmian Group Netherlands B.V.
Abel Tasmanstraat 1
7821 AN Emmen
The Netherlands

DESCRIPTION

Halogenfree, low smoke, flame retardant power and control cable.

TYPE

HUSK TFXI power cable 0,6/1 kV, stranded circular conductors (class 2 and class 5) plain or tinned, XLPE insulated, filler or polyester tape wrapping, SHF1 sheathed.
HUSO TIOI power cable 0,6/1 kV, stranded circular conductors (class2 and class 5, plain or tinned, XLPE insulated, filler or polyester tape wrapping, SHF1 inner sheath, armour/screen braiding of plain or tinned copper wires, galvanized steel wires, phosphor bronze wires, SHF1 outer sheathed.

SPECIFIED STANDARDS

Fixed wiring on ships and offshore installations
IEC 60092-350 ed4.0/-351 ed3.0/-353 ed4.0/-359 ed1.2
IEC 60332-1, ed1.1
IEC 60332-3-22, Cat. A , ed2.0
IEC 60754, ed3.0
IEC 61034, ed3.1
IEC 60228, ed3.0
HD 308 (2001)

Certificate No.

18/30036

Issue Date

11 February 2019

Expiry Date

17 July 2023

Sheet

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A.W. van der Velden
Type Approval Department
Lloyd's Register EMEA

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**RATINGS**

0,6/ 1 kV

RANGEConductor cross sectionNumber 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, 7
1,5 mm ²	6, 10, 12, 16, 19

Note: 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.

**OPERATIONAL
LIMITATIONS**

Maximum conductor temperature: 90°C

"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."

The Design Appraisal Document No. 1830036 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

"When Rules and Standards mentioned in this certificate are changed within the validity of this certificate, than this certificate becomes no longer valid."

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