



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 Flame retardant, halogen free cross linked polyethylene (XLPE) insulated, SFH1 over sheathed, unbraided, power cable (0.6/1kV).

TYPE TI 0.6/1kV

SPECIFIED STANDARDS IEC 60092-353 ed 4.0
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 3.0 & -2, ed 2.0
IEC 61034 1&2 , ed 3.1

APPLICATION Fixed wiring on ships offshore and industrial installations.

RATINGS - Rated voltage 0, 6/1 kV
- Maximum continuous conductor temperature 90°C

Certificate No. 18/30034

Issue Date 11 February 2019

Expiry Date 27 January 2023

Sheet 1 of 2



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

Lloyd's Register EMEA, Rotterdam Technology Support Office, K.P.v.d.Mandelelaan 41a, 3062 MB Rotterdam, The Netherlands

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<u>Conductor cross section mm²</u>	<u>Number of cores</u>
16, 25, 35, 50, 70, 95, 120, 150, 185, 240 & 300	1
1.5, 2.5, 4, 6, 10, 16, 25 & 35	2
1.5, 2.5 & 4	3G
1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120 and 150	3
1.5, 2.5, 4 & 6	4G
1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95 & 120	4
1.5, 6 & 16	5G
1.5 & 2.5	5
1.5 & 2.5	7
1.5	10
1.5 & 2.5	12
1.5	14, 16, 19, 24, 27 & 37

"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. 1830034 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mentioned in this certificate are changed within the validity of this certificate, than this certificate becomes no longer valid."

Certificate No. 18/30034
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