Certificate No: LR21475625TA
Issue Date: 13/12/2021
Expiry Date: 12/12/2026

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	**Twentsche Kabelfabriek B.V.**
Address	Spinnerstraat 15, 7480 AA Haaksbergen, Netherlands
Type	Cables
Description	CU conductor, HF XLPE insulated, copper tinned drain wire with aluminum laminated polyester tape and SHF 1 sheathed
Trade Name	MarineLine HALOGENFREE, type YZafp 0,6/1 kV
Application	Fixed power cable for Marine installation.

Specified Standard

Construction:	according IEC 60092-350
Conductor:	stranded (optional tinned) copper to IEC 60228, class 2 or 5 round
Insulation:	HF XLPE to IEC 60092-351
Braiding:	copper drain wire with aluminum laminated polyester foil
Outer Sheath:	SHF 1 to IEC 60092-360
Flame Retardant:	to IEC 60332-3-22 : 2000 +A1 2008
Halogen-acid content:	to IEC 60754-1/2
Smoke Density:	to IEC 61034-1/2 :1997

Ratings

No. of pairs:	Cross Section Area (mm2)
1 to 37	1.5, 2.5

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Henri Reekers

Snr Electrical Surveyor 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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Voltage rating:	0,6/1 kV
Maximum rated conductor temp.:	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.

Previous Version: 16/30017(E1)

The Design Appraisal Document PRJ11100346214/2 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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