



Lloyd's
Register

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:

PRODUCER	Nexans Deutschland GmbH Bonnenbroicher Straße 2-14 41238 Mönchengladbach Germany
DESCRIPTION	Flame-retardant halogen-free high voltage shipboard cable Cross-linked polyethylene (XLPE) insulated and thermoplastic compound (SHF1), resp. cross-linked sheathing compound (SHF2) sheathed
TYPE	MPRXCX 1.8/3 kV MPRXCX FLEXISHIP 1.8/3 kV MPRXCX EMC 1.8/3 kV MPRXCX EMC FLEXISHIP 1.8/3 kV
APPLICATION	Fixed installation on ships and offshore installations
DESIGN CODES	MG-S-025, rev 1.1, 12.03.2018 MG-S-026, rev 1.2, 15.05.2018

Certificate No.	18/20058
Issue Date	13 August 2018
Expiry Date	12 August 2023
Sheet	1 of 2

Lloyd's Register EMEA
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RATINGS

Rated voltage: $U_0/U (U_m)$ 1.8/3 (3.6) kV
Maximum conductor temperature: 90°C
Minimum operational temperature: - 30 °C
Minimum installation temperature: - 10 °C

MPRXCX 1.8/3 kV and MPRXCX FLEXISHIP 1.8/3 kV Stranded, Class 2 and Flexible Class 5

Cross Section mm²
1x 25, 1x 35, 1x 50, 1x 70, 1x 95, 1x 120, 1x 150, 1x 185, 1x 240, 1x 300
3x 25, 3x 35, 3x 50, 3x 70, 3x 95, 3x 120, 3x 150,

MPRXCX EMC 1.8/3 kV and MPRXCX EMC FLEXISHIP 1.8/3 kV Stranded, Class 2 and Flexible Class 5

Cross Section mm²
3x 50, 3x 70, 3x 95, 3x 120, 3x 150
3x 50 + 3 G 10, 3x 70 +3 G 16, 3x 95 +3 G 16, 3x 120 +3 G 25,
3x 150 +3 G 25

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.

The Design Appraisal Document No. HTS/ETS 37216-18 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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