



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	Erisim Kablo San. Tic. Ltd. Sti.
Address	,No: 1, Arnavutkoy, Mehmet Akif Ersoy Mahallesi, Veysel, Karani Caddesi, Dis Kapi No: 25, Ic Kapi, Istanbul, 34682, Türkiye
Type	Low Voltage Cables
Description	0.6/ 1kV Low voltage power cables, Halogen free, flame retardant and fire resistant ship cables
Trade Name	Shipboard Cables
Application	Marine/ Offshore
Specified Standard	LR Test Specification Number 3, 2020 IEC 60092-350, IEC60092-353, IEC 60092-360, IEC 60331-1, IEC60331-2, IEC 60332-1, IEC 60332-2, IEC 60332-3-22, IEC 60331-21, IEC 60754-1, IEC60754-2, IEC 61034-1, IEC 61034-2, IEC 60228
Ratings	Rated Voltage: 0.6/ 1kV Max temperature: 90°C See Appendix for further details

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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 UKITSO/EI/TA/RB/WP50869732/LV and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No.

Appendix

0.6/1 kV LOW VOLTAGE CABLES

TYPES MX, MXH, MXH-FR, MXCH, MXCH-FR

Voltage rating: 0.6/ 1kV
Maximum Temperature: 90°C

Construction:

Conductor: Annealed or tinned stranded copper wire, Class 2 or 5
Insulation: XLPE (and HF90 MX Types)
Inner covering: Pes tape or HFFR Compound
Screen: Tinned or annealed copper wire braid
Outer Sheath: SHF1
Fire Resistant: Fire resisting layer, mica tape (Types MXH-FR and MXCH-FR)

Type	Number of core	Cross-Sect. area (mm²)
MX	1	1 to 300
MXH	1 , 2 to 5	1 to 300
	5 to 24	1 to 2.50
MXCH	1 , 2 to 5	1 to 300
	5 to 24	1 to 2.50
MXH-FR	1 , 2 to 5	1 to 300
	5 to 24	1 to 2.50
MXCH-FR	1, 2 to 5	1 to 300
	5 to 24	1 to 2.50