Certificate No: LR2423673TA
Issue Date: 28/02/2024
Expiry Date: 27/02/2029

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 **FLEI S.R.L.**

Address Via De Gasperi 82, Agrate Brianza Mb, 20864, Italy

Place of Production FLEI S.R.L.

Via De Gasperi 82, Agrate Brianza Mb, 20864, Italy

Type Cables

Description Flame retardant, halogen free, armoured and unarmoured elastomer insulated and sheathed control and power cables.

Individually shielded:
EPR/IS/EVA/GSWB/EVA – 150/250 V
EPR/IS/EVA – 150/250 V
Overall shielded:
EPR/OS/EVA/GSWB/EVA – 150/250 V
EPR/OS/EVA – 150/250 V
Unshielded:
EPR/EVA/GSWB/EVA – 0.6/1 kV
EPR/EVA/TPBWB/EVA – 0.6/1 kV
EPR/EVA – 0.6/1 kV

Application Fixed wiring on marine installations

Conductor: Tinned annealed copper
Insulation: HF-EPR compound type GP4
Shield: Al/Pet

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Stavroula Kofopoulou

Electrical & Control - Senior Specialist to
Hellenic Lloyd's SA
A member of the Lloyd's Register group

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Sheath(s): Halogen free cross-linked compound EVA based type SW4
Armour: GSWB or TPBWB

Specified Standard BS 6883:1999

Ratings

EPR/IS/EVA/GSWB/EVA – 150/250 V, EPR/IS/EVA – 150/250 V:

Number of cores	Cross sectional area (mm2)
1 – 37 pairs	0.75 – 1.0
1 – 12 triples	0.75 – 1.0
1 – 7 quads	0.75 – 1.0

EPR/OS/EVA/GSWB/EVA – 150/250 V, EPR/OS/EVA – 150/250 V:

Number of cores	Cross sectional area (mm2)
1 – 37 pairs	0.75 – 1.0
1 – 12 triples	0.75 – 1.0

EPR/EVA/GSWB/EVA – 0.6/1 kV, EPR/EVA/TPBWB/EVA – 0.6/1 kV, EPR/EVA – 0.6/1 kV:

Number of cores	Cross sectional area (mm2)
1	1.0 – 630
1 – 4	1.0 – 300
5 – 37	1.5 – 2.5

Other Conditions 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 Hellenic Lloyd's SA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 13/00092(E1)

The Design Appraisal Document LR2423673DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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