



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

348 Syggrou Avenue, 176 74, Kalithea, Athens,
Greece

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 (mm ²)
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 (mm ²)
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 (mm ²)
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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