Certificate No: LR26243724TA
Issue Date: 09/05/2026
Expiry Date: 08/05/2031

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	**Prysmian Cavi e Sistemi Italia Srl**
Address	Via Chiese, 6, Milano, 20126, Italy
Place of Production	Prysmian Cavi e Sistemi Italia Srl Provinciale 181, n. 1 bis, Merlino, Lodi, 26833, Italy
Type	Cables Power
Description	Halogen free, flame retardant, low smoke emission, class 2 or class 5 conductors, EPR insulated, armoured, foil shielded, SHF2 sheathed or SHF2 mud or enhanced oil resistant sheathed (Type M or Type E), low voltage ratings 0.6/1 kV & 0.6/1(1.8/3) kV, VFD power/control cables.
Trade Name	F-RFOU VFD - CU/EPR/EMC/SHF2, RFOU VFD - CU/EPR/EMC/SHF2
Application	Marine and Offshore installations
Specified Standard	IEC 60092-350:2020 IEC 60092-352:2005 IEC 60092-353:2016 IEC 60092-360:2021 IEC 60228:2004 Class 2 or Class 5 IEC 60332-1-2:2015 IEC 60332-3-22:2018 Cat. A IEC 60754-1:2019 IEC 60754-2:2019 IEC 61034-1:2019 IEC 61034-2:2019 IEC 61892-4:2019 IEC 62154-4-3:2013 IEC 62154-4-4:2015 NEK TS 606:2022

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Maurizio Crucil

Electrical & Control Technical Manager - South Europe to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Ratings

Rated Voltage Uo/U [kV]: 0.6/1 and 0.6/1 (1.8/3)
Max. conductor temperature: 90°C

Cores	Main Core Cross Section Area [mm²]	Earthing Core Cross Section Area [mm²]
1C + 1E	70 ÷ 300	10 ÷ 35
3C + 1E	1.5 ÷ 185	4 ÷ 95
3C + 3E	25 ÷ 185	6 ÷ 50

Additional Tests

Low Temperature: Cold bend (-40°C) or Impact (-25°C ; -35°C), according to CSA C.22.2 or IEC 60092-350 Annex E

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: LR22512976TA-02

The Design Appraisal Document LR26243724DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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