Certificate No: LR26176119TA
Issue Date: 19/03/2026
Expiry Date: 18/03/2031

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	**Dalian Yongxu Wire & Cable Manufacturing Co., Ltd.**
Address	No. 36-1, Rose Street, Huayuankou Economic Zone, Dalian, 116450, China
Place of Production	Dalian Yongxu Wire & Cable Manufacturing Co., Ltd. No. 36-1, Rose Street, Huayuankou Economic Zone, Dalian, 116450, China
Type	Power Cables
Description	/SC, /NC, /NSC type of CJ85, CJ86, CJPF86, CJPF96, CJPJ85, CJPJ95 /SC type of CJPJ85 -VFD, CJPF86 –VFD, CJ85-VFD, CJ86-VFD
Trade Name	CJ85, CJ86, CJPF86, CJPF96, CJPJ85, CJPJ95 series
Application	Fixed wiring on ships and offshore installations
Specified Standard	Manufacture's specification IEC60092-350: 2020; IEC60092-353: 2024; IEC60092-360: 2021; IEC 60332-1-2: 2025, IEC 60332-3-22: 2018; IEC60754-1, -2:2011+AMD1:2019; IEC61034-1, -2:2005+AMD1:2013+AMD2:2019
Ratings	**/SC, /NC, /NSC type of CJ85, CJ86, CJPF86, CJPF96, CJPJ85, CJPJ95** Rated Voltage: 1.8/3 kV No. of Cores: 1 Conductor Cross Section(mm2): 10~400 No. of Cores: 2

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Ashwinikumar Mhamal

Electrical & Control Technical Manager - Africa, Middle East & India, Lead Specialist to Lloyd's Register Marine and Offshore India

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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Conductor Cross Section(mm2): 10~120
No. of Cores: 3
Conductor Cross Section(mm2): 10~185
No. of Cores: 4
Conductor Cross Section(mm2): 10~150

/SC type of CJPJ85 -VFD, CJPF86 –VFD, CJ85-VFD, CJ86-VFD
Rated Voltage: 0.6/1 and 1.8/3 kV
No. of Cores: 3
Conductor Cross Section(mm2): 10~240
No. of Cores: 3+1E
Conductor Cross Section(mm2): 3x25+1x16; 3x35+1x16; 3x50+1x25; 3x70+1x35; 3x95+1x50; 3x120+1x70; 3x150+1x95; 3x185+1x95; 3x240+1x120;
No. of Cores: 3+3E
Conductor Cross Section(mm2): 3x25+3x6; 3x35+3x6; 3x50+3x10; 3x70+3x16; 3x95+3x16; 3x120+3x25; 3x150+3x25; 3x185+3x35; 3x240+3x50;
"Conductor Cross-Section" is selected from the following series of conductor size:-
10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400 mm2
SC: Halogen free, low smoke, bunched cable flame retardant
NC: Halogen free, low smoke, bunched cable flame retardant, fire resistant
NSC: Halogen free, low smoke, bunched cable flame retardant, fire resistant
Conductor Max. Temp.(°C) : 90

Other Conditions

1. These cables are not to be installed in Hazardous area.

2. Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR.

3. If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

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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 Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR21107271TA

The Design Appraisal Document TSO-25-043282-E-05 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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