Certificate No: LR21148939TA
Issue Date: 19/04/2021
Expiry Date: 18/04/2026

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	**Jiangsu Yangzi Cable Group Co.,Ltd**
Address	No.146 Xiangyuan Road High-Tech Development Zone, Yangzhou, Jiangsu, 225127, China
Place of Production	Jiangsu Yangzi Cable Group Co.,Ltd No.146 Xiangyuan Road High-Tech Development Zone, Yangzhou, Jiangsu, 225127, China
Type	Power Cables
Description	Types of CJV, CJV80, CJV90, CJV82, CJV92, CJ82, CJ92, CJVR, CJVR80, CJVR 90, CJVR 82, CJVR 92; CJPF, CJPF80, CJPF 90, CJPF 86, CJPF 96, CJ86, CJ96, CJPFR, CJPFR80, CJPFR 90, CJPFR 86, CJPFR 96, CJPJ, CJPJ80, CJPJ 90, CJPJ 85, CJPJ 95, CJ85, CJ95, CJPJR, CJPJR80, CJPJR 90, CJPJR 85, CJPJR 95; CEV, CEV80, CEV90, CEV82, CEV92, CEVR, CEF, CEF80, CEF90, CEF82, CEF92, CEFR; CEPF, CEPF80, CEPF90, CEPF86, CEPF96, CEPFR, CEPJ, CEPJ80, CEPJ90, CEPJ85, CEPJ95, CEPJR; CJ85-VFD, CJ86-VFD, CJPJ85-VFD, CJPF86-
Trade Name	CJV, CJVR, CJPF, CJ, CJPFR, CJPJ, CJPJR, CEV, CEVR, CEF, CEFR, CEPF, CEPFR, CEPJ, CEPJR, CBYJ, CBYJR, CJ-VFD, CJPJ-VFD, CJPF-VFD
Application	Fixed wiring on ship and offshore installations

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Ke Lin Zhang

Lead Specialist to Lloyd's Register
Classification Society (China) Co Ltd
A member of the Lloyd's Register group

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

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Specified Standard

Manufacturer's specification
IEC60092-350:2020; IEC60092-353:2016; IEC60092-360:2021;
IEC60228:2004; IEC60331-1, -2 :2018; IEC60332-1-2:2004+A1: 2015;
IEC60332-3-22:2018;
IEC60754-1, -2:2011+A1: 2019; IEC61034-1~2:2005+A2:2019;

Ratings

/SA, /NA
Types: CJV, CJV80, CJV90, CJV82, CJV92, CJ82, CJ92, CJVR, CJVR80, CJVR 90, CJVR 82, CJVR 92
/SC, /NC, /NSC
Types: CJPF, CJPF80, CJPF 90, CJPF 86, CJPF 96, CJ86, CJ96, CJPFR, CJPFR80, CJPFR 90, CJPFR 86, CJPFR 96, CJPJ, CJPJ80, CJPJ 90, CJPJ 85, CJPJ 95, CJ85, CJ95, CJPJR,
CJPJR80, CJPJR 90, CJPJR 85, CJPJR 95
/SA, NA
Types: CEV, CEV80, CEV90, CEV82, CEV92, CEVR, CEF, CEF80, CEF90, CEF82, CEF92, CEFR
/SC, /NC, /NSC :
Types : CEPF, CEPF80, CEPF90, CEPF86, CEPF96, CEPFR, CEPJ, CEPJ80, CEPJ90, CEPJ85, CEPJ95, CEPJR
Rated Voltage: 0.6/1 kV
No. of Cores: 1
Conductor Cross Section(mm2): 1~300
No. of Cores: 2
Conductor Cross Section(mm2): 1~120
No. of Cores: 3(2+E)
Conductor Cross Section(mm2): 1~185
No. of Cores: 4(3+E):
Conductor Cross Section(mm2): 1~150
No. of Cores: 5, 7, 10, 12, 14, 16, 19, 20, 24, 27, 30, 33, 37
Conductor Cross Section(mm2): 1, 1.5, 2.5

/SC, /NC, /NSC
Types: CJ85-VFD, CJ86-VFD, CJPJ85-VFD, CJPF86-VFD,
Rated Voltage: 0.6/1 kV and 1.8/3kV

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No. of Cores: 3
Conductor Cross Section(mm2): 2.5~240
No. of Cores: 3+E
Conductor Cross Section(mm2): 3x2.5+1x2.5; 3x4+1x4; 3x6+1x6; 3x10+1x10; 3x16+1x16; 3x25+1x16; 3x35+1x25; 3x50+1x25; 3x70+1x35; 3x95+1x50; 3x120+1x70; 3x150+1x95; 3x185+1x95; 3x240+1x120;
No. of Cores: 3+3E
Conductor Cross Section(mm2): 3x2.5+3x1; 3x4+3x1.5; 3x6+3x2.5; 3x10+3x4; 3x16+3x6; 3x25+3x6; 3x35+3x6; 3x50+3x10; 3x70+3x16; 3x95+3x16; 3x120+3x25; 3x150+3x25; 3x185+3x35; 3x240+3x50;
/DC, /SC :
Types: CBYJ, CBYJR
Rated Voltage: 0.6/1 kV
No. of Cores: 1
Conductor Cross Section(mm2): 1~120

"Conductor Cross-Section" is selected from the following series of conductor size:-
1.0, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300 mm2
Conductor Max. Temp.(℃) : 90
Notes:
D: single cable flammability
S: Bunched cable flammability
A: smoke and halogen
C: Low smoke halogen free
N: Fire resistant

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 Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21148939TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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