



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA24282M

MANUFACTURER: Anhui Tiankang(Group) Shares Co., Ltd., Anhui Province, China

PRODUCT: 0.6/1kV Shipboard low voltage power cables

TYPE NO.: Refer to the attached sheet

TYPE TEST NO.: 24T802

PARTICULARS: Refer to the attached sheet

STANDARDS: IEC 60092-350 IEC 60092-353 IEC 60092-360
IEC 60331-1 IEC 60332-1-2 IEC 60332-3-22
IEC 60754-1/-2 IEC 61034-1/-2

DOCUMENTATION: Structural Drawings:

TK5.445.027	TK5.445.028	TK5.445.029	TK5.445.030
TK5.445.031	TK5.445.032	TK5.445.033	TK5.445.034
TK5.445.035	TK5.445.036		
TK5.445.113	TK5.445.114	TK5.445.115	TK5.445.116
TK5.445.117	TK5.445.118	TK5.445.119	TK5.445.120
TK5.445.121	TK5.445.122	TK5.445.123	TK5.445.124
TK5.445.125	TK5.445.126	TK5.445.127	TK5.445.128
TK5.445.129	TK5.445.130	TK5.445.131	TK5.445.132

Test Report No.: TN24-1612A1E TK24-1613A1E

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until 19 June 2029.

Issued at Tokyo on 20 June 2024.


S. Oishi
General Manager
Machinery Department



Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

PARTICULARS:

Symbol				No. of Cores	Conductor Size (mm ²)	Rating Voltage (kV)	Max Temp (°C)
CEF/DA, SA, NA(NSA) CEFR/DA, SA, NA(NSA) CEF80/DA, SA, NA(NSA) CEF90/DA, SA, NA(NSA)	CEPFR/SC, NC(NSC) CEPFR80/SC, NC(NSC) CEPFR90/SC, NC(NSC) CEPFR86/SC, NC(NSC) CEPFR96/SC, NC(NSC) CEPJR/SC, NC(NSC) CEPJR80/SC, NC(NSC) CEPJR90/SC, NC(NSC) CEPJR85/SC, NC(NSC) CEPJR95/SC, NC(NSC)	CE86/SC, NC(NSC) CE96/SC, NC(NSC) CE85/SC, NC(NSC) CE95/SC, NC(NSC) CEPF/SC, NC(NSC) CEPF86/SC, NC(NSC) CEPF96/SC, NC(NSC) CEPF80/SC, NC(NSC) CEPF90/SC, NC(NSC) CEPJ/SC, NC(NSC) CEPJ85/SC, NC(NSC) CEPJ95/SC, NC(NSC) CEPJ80/SC, NC(NSC) CEPJ90/SC, NC(NSC)		1	1 to 240	0.6/1	90
				2	1 to 120		
				3	1 to 240		
				4	1 to 185		
				3 + 1	1 to 185		
				5	1 to 185		
				6 to 37	1 to 4		
CJ86/SC, NC(NSC) CJ96/SC, NC(NSC) CJ85/SC, NC(NSC) CJ95/SC, NC(NSC) CJPJ/SC, NC(NSC) CJPJ85/SC, NC(NSC) CJPJ95/SC, NC(NSC) CJPJ80/SC, NC(NSC) CJPJ90/SC, NC(NSC)	CJPF/SC, NC(NSC) CJPF86/SC, NC(NSC) CJPF96/SC, NC(NSC) CJPF80/SC, NC(NSC) CJPF90/SC, NC(NSC)	CJPJR/SC, NC(NSC) CJPJR80/SC, NC(NSC) CJPJR90/SC, NC(NSC) CJPJR85/SC, NC(NSC) CJPJR95/SC, NC(NSC) CJPFR/SC, NC(NSC) CJPFR80/SC, NC(NSC) CJPFR90/SC, NC(NSC) CJPFR86/SC, NC(NSC) CJPFR96/SC, NC(NSC)		1	1 to 240	0.6/1	90
				2	1 to 120		
				3	1 to 240		
				4	1 to 185		
				3 + 1	1 to 185		
				5	1 to 185		
				6 to 37	1 to 4		

Note: The letters shown in the above table mean as follows;

Letter Code	Meaning
C	Shipboard power cable
J	XLPE
E	EPR
PJ	Cross-linked Polyolefin
PF	Thermoplastic Polyolefin
F	Polychloroprene rubber
SC	Bunched cable flame retardant, low-smoke and halogen free
NA(NSA)	Bunched cable flame retardant, fire resistance
NC(NSC)	Bunched cable flame retardant, fire resistance, low-smoke and halogen free
DA	Flame retardant type tested to IEC 60332-1-2
SA	Flame retardant type tested to IEC 60332-1-2, IEC 60332-3-22
8	Copper wire or tinned copper wire braid
9	Galvanized steel wire braid
5	Cross-linked Polyolefin outer sheath
6	Thermal plastic Polyolefin outer sheath
0	No outer sheath

— The End —