



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA24283M

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

PRODUCT: 150/250V(300V) Shipboard control & Instrumentation communication cables

TYPE NO.: Refer to the attached sheet

TYPE TEST NO.: 24T803

PARTICULARS: Refer to the attached sheet

STANDARDS: IEC 60092-350 IEC 60092-376 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:

TK5.445.003	TK5.445.004	TK5.445.005	TK5.445.006
TK5.445.008	TK5.445.009	TK5.445.010	TK5.445.011
TK5.445.012	TK5.445.013	TK5.445.014	TK5.445.015
TK5.445.016	TK5.445.018	TK5.445.019	TK5.445.020
TK5.445.021	TK5.445.022		
TK5.445.097	TK5.445.098	TK5.445.099	TK5.445.100
TK5.445.101	TK5.445.102	TK5.445.103	TK5.445.104
TK5.445.105	TK5.445.106	TK5.445.107	TK5.445.108
TK5.445.109	TK5.445.110	TK5.445.111	TK5.445.112
TK5.445.113	TK5.445.114		
TK5.445-037	TK5.445-038	TK5.445-039	TK5.445-040
TK5.445-041	TK5.445-042	TK5.445-043	TK5.445-044
TK5.445-045	TK5.445-046	TK5.445-047	TK5.445-048
TK5.445-049	TK5.445-050	TK5.445-051	TK5.445-052
TK5.445-053	TK5.445-054	TK5.445-055	TK5.445-056
TK5.445-057	TK5.445-058		

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

TYPE NO. & PARTICULARS:

Symbol			No. of Cores	Conductor Size (mm ²)	Rating Voltage (kV)	Max Temp (°C)
CKEF/DA, SA, NA(NSA) CKEF80/DA, SA, NA(NSA) CKEF90/DA, SA, NA(NSA) CKE86/SC, NC(NSC) CKE96/SC, NC(NSC) CKE85/SC, NC(NSC) CKE95/SC, NC(NSC) CKEP86/SC, NC(NSC) CKEP85/SC, NC(NSC)	CKEPF/SC, NC(NSC) CKEPF80/SC, NC(NSC) CKEPF90/SC, NC(NSC) CKEPF86/SC, NC(NSC) CKEPF96/SC, NC(NSC) CKEPJ/SC, NC(NSC) CKEPJ80/SC, NC(NSC) CKEPJ90/SC, NC(NSC) CKEPJ85/SC, NC(NSC) CKEPJ95/SC, NC(NSC)	CKEFPF/SC, NC(NSC) CKEFPF80/SC, NC(NSC) CKEFPF90/SC, NC(NSC) CKEFPF86/SC, NC(NSC) CKEFPF96/SC, NC(NSC) CKEPJP/SC, NC(NSC) CKEPJP80/SC, NC(NSC) CKEPJP90/SC, NC(NSC) CKEPJP85/SC, NC(NSC) CKEPJP95/SC, NC(NSC) CKEPJR/SC, NC(NSC) CKEPJR80/SC, NC(NSC) CKEPJR90/SC, NC(NSC) CKEPJR85/SC, NC(NSC) CKEPJR95/SC, NC(NSC) CKEPJP/SC, NC(NSC)	2 to 48	0.5 to 2.5	150/250 (300)	90
CKJ86/SC, NC(NSC) CKJ96/SC, NC(NSC) CKJ85/SC, NC(NSC) CKJ95/SC, NC(NSC) CKJP85/SC, NC(NSC) CKJP86/SC, NC(NSC) CKJP95/SC, NC(NSC) CKJP96/SC, NC(NSC)	CKJPF/SC, NC(NSC) CKJPF80/SC, NC(NSC) CKJPF90/SC, NC(NSC) CKJPF86/SC, NC(NSC) CKJPF96/SC, NC(NSC) CKJPJ/SC, NC(NSC) CKJPJ80/SC, NC(NSC) CKJPJ90/SC, NC(NSC) CKJPJ85/SC, NC(NSC) CKJPJ95/SC, NC(NSC)	CKJFPF/SC, NC(NSC) CKJFPF80/SC, NC(NSC) CKJFPF90/SC, NC(NSC) CKJFPF86/SC, NC(NSC) CKJFPF96/SC, NC(NSC) CKJPJP/SC, NC(NSC) CKJPJP80/SC, NC(NSC) CKJPJP90/SC, NC(NSC) CKJPJP85/SC, NC(NSC) CKJPJP95/SC, NC(NSC)				
CHJPF/SC, NC(NSC) CHJPF86/SC, NC(NSC) CHJFPF/SC, NC(NSC) CHJFPF86/SC, NC(NSC) CHJPJ/SC, NC(NSC) CHJPJ85/SC, NC(NSC) CHJPJP/SC, NC(NSC) CHJPJP85/SC, NC(NSC) CHJ85/SC, NC(NSC) CHJ96/SC, NC(NSC) CHJP85/SC, NC(NSC) CHJP96/SC, NC(NSC)	CHJPF80/SC, NC(NSC) CHJPF96/SC, NC(NSC) CHJFPF80/SC, NC(NSC) CHJFPF96/SC, NC(NSC) CHJPJ80/SC, NC(NSC) CHJPJ95/SC, NC(NSC) CHJPJP80/SC, NC(NSC) CHJPJP95/SC, NC(NSC) CHJ86/SC, NC(NSC) CHJP86/SC, NC(NSC)	CHJPF90/SC, NC(NSC) CHJFPF90/SC, NC(NSC) CHJPJ90/SC, NC(NSC) CHJPJP90/SC, NC(NSC) CHJ95/SC, NC(NSC) CHJP95/SC, NC(NSC)	1P 1T 1Q 2P to 37P			

— To be continued —

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

Letter Code	Meaning
CK	Shipboard control cable
CH	Shipboard communication and instrumentation cable
J	XLPE
E	EPR
PJ	Cross-linked Polyolefin
PF	Thermoplastic Polyolefin
F	Polychloroprene rubber
DA	Flame retardant type tested to IEC 60332-1-2
NA(NSA)	Bunched cable flame retardant, fire resistance
NC(NSC)	Bunched cable flame retardant, fire resistance, low-smoke and halogen free
SC	Bunched cable flame retardant, low-smoke and halogen free
SA	Flame retardant type tested to IEC 60332-1-2, IEC 60332-3-22
P	Pair to pair shielding or total shielding or pair to shielding plus total shielding (tinned copper wire or copper wire or aluminum foil)
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 —