

- 17-CSTI
- 24-CSTI
- 36-CSTI
- 42-CSTI

**IEC Standard
Indoor Cold Shrink Termination
up to 42 kV**



APPLICATION

The Chardon Cold Shrinkable Termination is a high-quality and durable solution for terminating indoor medium voltage cables in a variety of applications. It is made of UV-resistant silicone rubber that has excellent electrical and mechanical properties. The termination consists of a stress-controlling compound housing that is preassembled on a plastic tube. The housing is designed to reduce the electrical stress at the cable end and to provide reliable performance in indoor environments. The installation process is simple and fast: just

slide the termination over the cable end and remove the plastic tube. The housing will shrink onto the cable and form a tight seal. No tools or heat sources are required for the installation, which makes it safe and convenient. The termination can withstand voltages up to 42 kV and meets the GB/T 12706.4 and IEC 60502.4 standards. The Chardon Cold Shrinkable Termination is designed to last as long as the cable itself, without requiring any maintenance or replacement.

VOLTAGE RATINGS

Voltage ratings according to GB/T 12706.4 & IEC 60502.4 standards:

Ratings	17-CSTI	24-CSTI	36-CSTI	42-CSTI
Voltage Class	8.7/15(17.5)kV	12/20(24)kV	18/30(36)kV	26/35(40.5)kV
AC Withstand (5 minutes)	39kV	54 kV	81 kV	117 kV
DC Withstand (15 minutes)	35kV	48 kV	72 kV	104 kV
Partial discharge	15kV <10pC	20kV <10pC	30kV <10pC	45kV <10pC
BIL and Full Wave Crest (Impulse)	95kV	125 kV	170 kV	200 kV

ORDERING INFORMATION: KIT COMPONENTS

Single Core Kit

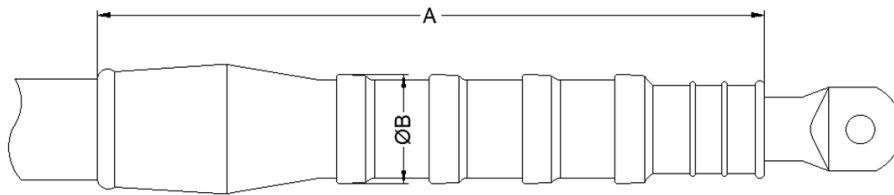


Three Core Kit



CSTI Kit Components	Single Core Kit	Three Core Kit
Termination Body	✓	✓
Cold Shrinkable Jacket Seal	✓	✓
Sealing Tape	✓	✓
PVC Tape	✓	✓
Silicone Tape	✓	✓
Sandpaper	✓	✓
Paper Towel	✓	✓
Silicone Lubricant	✓	✓
Gloves	✓	✓
Cable Lug	Optional	Optional
Packing List	✓	✓
Cold Shrinkable Breakout	X	✓
Filling Tape	X	✓
Triangle Cone	X	✓
Constant-Force Spring	✓	✓
Grounding Braid	✓	✓
Copper Tape	✓	✓
Installation Instructions	✓	✓

ORDERING INFORMATION: PART NUMBERS & DIMENSIONS



A: Maximum length of termination after installation.
B: Shade outer diameter

Part Number		Creepage Distance (mm)	Shades Qty	Dimension (A)(Max.) (mm)	Dimension (ØB) (mm)	Cable Insulation O.D.Range (mm)
Single Core Cable	Three Core Cable					
17-CSTI-A-GKT	T-17-CSTI-A	245	3	210/200	35	13.2-17.0
17-CSTI-B-GKT	T-17-CSTI-B	245	3	210/200	38.8	16.8-27.0
17-CSTI-C-GKT	T-17-CSTI-C	245	3	210/200	47	25.3-50.0
24-CSTI-A-GKT	T-24-CSTI-A	460	4	340/330	48	15.2-22.4
24-CSTI-B-GKT	T-24-CSTI-B	460	4	340/330	54	20.4-35.4
24-CSTI-C-GKT	T-24-CSTI-C	460	4	340/330	67	34.0-60.0
36-CSTI-A-GKT	T-36-CSTI-A	705	6	425/415	80	18.7-26.0
36-CSTI-B-GKT	T-36-CSTI-B	705	6	425/415	86	24.9-41.1
36-CSTI-C-GKT	T-36-CSTI-C	705	6	425/415	98	36.6-59.0
42-CSTI-A-GKT	T-42-CSTI-A	705	6	425/415	80	18.7-26.0
42-CSTI-B-GKT	T-42-CSTI-B	705	6	425/415	86	24.9-41.1
42-CSTI-C-GKT	T-42-CSTI-C	705	6	425/415	98	36.6-59.0

Important:

The Cold Shrink Terminations are suitable for use with metallic screen cables made of copper tape or copper wire, and armor cables made of steel tape or steel wire.

If your cable is different from the above types, please contact your local distributor or Chardon representative.

ORDERING INFORMATION: LUGS SELECTION

Selection of Shear Bolt Lug, if requested:

Part Number	Conductor Range (mm ²)
SBC-A-25-95-12/1-AL	25-95
SBC-A-25-95-16/1-AL	25-95
SBC-A-35-150-12/1-AL	35-150
SBC-A-35-150-16/1-AL	35-150
SBC-A-35-150-12/2-AL	35-150
SBC-A-35-150-16/2-AL	35-150
SBC-A-70-240-12/2-AL	70-240
SBC-A-70-240-16/2-AL	70-240
SBC-A-120-300-12/2-AL	120-300
SBC-A-120-300-16/2-AL	120-300
SBC-A-185-400-12/3-AL	185-400
SBC-A-185-400-16/3-AL	185-400
SBC-A-300-630-12/3-AL	300-630
SBC-A-300-630-16/3-AL	300-630
SBC-A-300-630-20/3-AL	300-630

Selection of Compression Lug, if requested:

Part Number	Lug Material	Conductor Size (mm ²)
CTCC-16-8	Copper	16
CTCC-25-8	Copper	25
CTCC-35-10	Copper	35
CTCC-50-10	Copper	50
CTCC-70-12	Copper	70
CTCC-95-12	Copper	95
CTCC-120-14	Copper	120
CTCC-150-14	Copper	150
CTCC-185-16	Copper	185
CTCC-240-16	Copper	240
CTCC-300-20	Copper	300
CTCC-400-20	Copper	400
CTAL-16-8	Aluminum	16
CTAL-16-10	Aluminum	16
CTAL-25-8	Aluminum	25
CTAL-25-10	Aluminum	25
CTAL-35-8	Aluminum	35
CTAL-35-10	Aluminum	35
CTAL-50-10	Aluminum	50
CTAL-50-12	Aluminum	50
CTAL-70-10	Aluminum	70
CTAL-70-12	Aluminum	70
CTAL-95-8	Aluminum	95
CTAL-95-10	Aluminum	95
CTAL-95-12	Aluminum	95
CTAL-120-10	Aluminum	120
CTAL-120-12	Aluminum	120
CTAL-120-16	Aluminum	120
CTAL-150-10	Aluminum	150
CTAL-150-12	Aluminum	150
CTAL-150-16	Aluminum	150
CTAL-185-12	Aluminum	185
CTAL-185-16	Aluminum	185
CTAL-240-12	Aluminum	240
CTAL-240-16	Aluminum	240
CTAL-300-12	Aluminum	300
CTAL-300-16	Aluminum	300
CTAL-400-16	Aluminum	400
CTAL-500-16	Aluminum	500

*NOTE:

- 1.The suffix numbers (8, 10, 12, 14, 16, 20) indicate the palm hole diameter, corresponding to stud sizes M8, M10, M12, M14, M16, and M20.
- 2.For a more accurate selection, please specify your cable size and type when placing an order.



ANHUI CHARDON ELECTRIC LTD.

No.808 Taiji Road Economic Develop Zone of Guangde County
Anhui China
Tel: 0563-2216688
Fax: 0563-2251806

CHARDON TAIWAN CORPORATION

No.37 Min-Chie Road, Tung Lo Industrial Park, Miao Li, Taiwan 366
Tel:+886-37-984385
Fax:+886-37-984770

SHANGHAI CHARDON ELECTRIC LTD.

Room 1202, office building No.399, Yun Gu Road, Jiading district,
Shanghai, China 201801
Tel: +86-21-39105900
Fax: +86-21-39105916

www.chardongroup.com·info@chardongroup.com