

Chardon 15kV, 25kV and 35kV Class Cold Shrinkable Termination



APPLICATION

The Chardon Cold Shrinkable Termination offers easy installation and reliable performance when terminating indoor and outdoor medium voltage cables. Made from high quality, UV resistant, silicone rubber, the Chardon Cold Shrinkable Termination offers a combination of durability and high performance in the field.

The Chardon Cold Shrinkable Terminations include a stress controlling compound housing, preassembled on a plastic "hold out"

tube. As the plastic hold out is removed, the stress relief housing shrinks onto the cable. Chardon terminations are easy to install, and have a wide application range. No tools, or heat sources are required. The products are designed to last the entire life of the cable.

The terminations are designed to withstand voltages up to 35 kV. The Chardon Cold Shrinkable terminations are tested according to IEEE Standard 48.

VOLTAGE RATINGS: 15-CSTO

Insulation Class	15 kV
Minimum Partial Discharge Voltage Level	13 kV@ < 5.0pC
AC Voltage 1 Min Dry Withstand	50 kV
AC Voltage 10s Wet Withstand	45 kV
Lightning Impulse (BIL) Voltage Withstand	110 kV
Cyclic Aging	26 kV / 30day
AC Voltage 5h Dry Withstand	31 kV
DC Voltages 15 Min Dry Withstand	75 kV

VOLTAGE RATINGS: 25-CSTO

Insulation Class	25 kV
Minimum Partial Discharge Voltage Level	22 kV@ < 5.0pC
AC Voltage 1 Min Dry Withstand	65 kV
AC Voltage 10s Wet Withstand	60 kV
Lightning Impulse (BIL) Voltage Withstand	150 kV
Cyclic Aging	43 kV / 30day
AC Voltage 5h Dry Withstand	50 kV
DC Voltages 15 Min Dry Withstand	105 kV

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VOLTAGE RATINGS: 35-CSTO

Insulation Class	35 kV
Minimum Partial Discharge Voltage Level	30 kV@ < 5.0pC
AC Voltage 1 Min Dry Withstand	90 kV
AC Voltage 10s Wet Withstand	80 kV
Lightning Impulse (BIL) Voltage Withstand	200 kV
Cyclic Aging	61 kV / 30day
AC Voltage 5h Dry Withstand	71 kV
DC Voltages 15 Min Dry Withstand	140 kV

ORDERING INFORMATION

Each kit Contains:

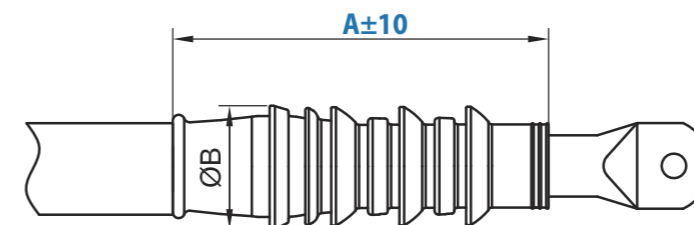
- / Termination body
- / Silicone grease
- / Mastic tape
- / Sand belt
- / Cleaning paper
- / PVC tape
- / Gloves
- / Installation instruction sheet
- / Packing List
- / Cold Shrinkable Tube (35-CSTO only)

3 Core Cable Kit Content:

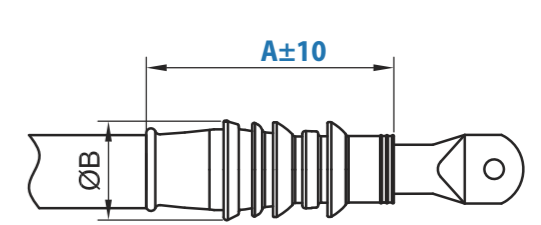
- / Termination body
- / Breakout
- / Core protection sleeves
- / Silicone grease
- / Mastic tape
- / Sand belt
- / Cleaning paper
- / PVC tape
- / Gloves
- / Grounding kit
- / Installation Instruction kit



35-CSTO



15-CSTO & 25-CSTO



ORDERING INFORMATION

15/25/35kV

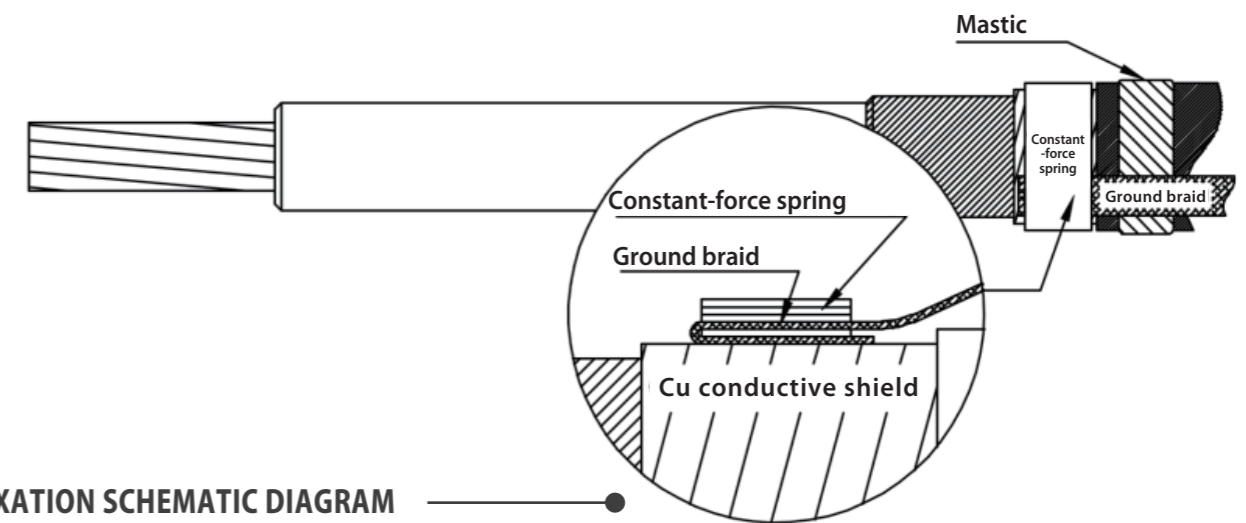
Unit: mm (milli meter)

Part Number	Part Number Three Core cable	Creepage Distance (mm)	Shades Qty	Dimension (A)(Max.)	Dimension (ØB)	Cable Insulation O.D. Range (mm)
15-CSTO-A	T-15-CSTO-A-TFK	510	5	300	67	13.2 - 17.0
15-CSTO-B	T-15-CSTO-B-TFK	510	5	300	71	16.8 - 27.0
15-CSTO-C	T-15-CSTO-C-TFK	510	5	300	79	25.3 - 50.0
25-CSTO-A	T-25-CSTO-A-TFK	672	6	380	81	15.2 - 22.4
25-CSTO-B	T-25-CSTO-B-TFK	672	6	380	85	20.4 - 35.4
25-CSTO-C	T-25-CSTO-C-TFK	672	6	380	100	34.0 - 60.0
35-CSTO-A	T-35-CSTO-A-TFK	930	10	470	87	18.7 - 26.0
35-CSTO-B	T-35-CSTO-B-TFK	930	10	470	94	24.9 - 41.1
35-CSTO-C	T-35-CSTO-C-TFK	930	10	470	105	36.6 - 59.0

ORDERING INFORMATION

Each termination part can be assembled with one grounding kit if needed, to order a grounding kit, add "GKT" in end of the Chardon CSTO part number.

Example: 25 - CSTO-A-GKT-A



FIXATION SCHEMATIC DIAGRAM

Each kit Contains:

- / Preformed Ground Braid
- / Constant Force Spring
- / Copper Tape



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