



## COLD SHRINK TERMINATION (CSTI/CSTO) FOR SINGLE AND THREE-CORE POLYMERIC CABLES UP TO 24 kV

### KEY FEATURES

- One piece, pre-expanded termination on a spiral hold out
- Integrated geometrical stress cone
- Suitable for hexagonal/ deep indent crimp and mechanical lugs according to IEC 61238
- Available for GB, IEC and IEEE rated cables
- Universal design
- Long creepage distance
- Easy to install

TE Connectivity's (TE) Raychem CSTI/CSTO family of cold shrink terminations is made from a high performance, liquid silicone material. Specially formulated for excellent track and split resistance, the terminations deliver long and trouble free service.

The extra long, silicone stress cone is integrated with the termination and eliminates positioning issues common with normal cold shrink terminations. Moisture sealing at the lug is integrated into the termination body, eliminating the need for additional sealing tapes. Easy release spiral hold out ensures one-step installation.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

## Cold Shrink Termination (CSTI/CSTO)

Tested in accordance to GB/T 12706 and IEC 60502-4. Manufactured according to ISO 9001 and ISO 14001



### ACCESSORIES

Cable insulation Outer Diameter	11,7 - 50 mm
Cable Conductor Cross-section Range	25 - 630 mm <sup>2</sup>
Max system voltage	24 kV
impulse voltage withstand	125 kV
Partial Discharge at 1.73UO	< 3 pC
AC voltage withstand.5min	57 kV
DC voltage withstand .15min	76 kV

### PRODUCT SELECTION INFORMATION

Description	Diameter over insulation (mm <sup>2</sup> )	Conductor Cross Section (mm <sup>2</sup> )	Comment
<b>Indoor Termination for 10 kV Three-core and Single-core</b>			
CSTI-10-2535-T	11.7 - 18	25 - 35	three-core
CSTI-10-5015-T	16.9 - 26	50 - 150	three-core
CSTI-10-1840-T	24.7 - 38	185 - 400	three-core
CSTI-10-4050-T	32.5 - 50	400 - 500	three-core
CSTI-10-2535-SC	11.7 - 18	25 - 35	single-core
CSTI-10-3512-SC	16.9 - 26	35 - 120	single-core
CSTI-10-1530-SC	24.7 - 38	150 - 300	single-core
CSTI-10-4063-SC	32.5 - 50	400 - 630	single-core
<b>12/20(24) kV Indoor</b>			
CSTI-24-3595-T	16.9 - 26	35 - 95	three-core
CSTI-24-1218-T	24.7 - 38	120 - 185	three-core
CSTI-24-2430-T	24.7 - 38	240 - 300	three-core
CSTI-24-400-T	24.7 - 38	400	three-core
CSTI-24-3595-SC-T	16.9 - 26	35 - 95	single-core
CSTI-24-1224-SC-T	24.7 - 38	120 - 240	single-core
CSTI-24-3050-SC-T	32.5 - 50	300 - 500	single-core
<b>Outdoor Termination for 10 kV Three-core and Single-core</b>			
CSTO-10-2535-T	11.7 - 18	25 - 35	three-core
CSTO-10-5015-T	16.9 - 26	50 - 150	three-core
CSTO-10-1840-T	24.7 - 38	185 - 400	three-core
CSTO-10-4050-T	32.5 - 50	400 - 500	three-core
CSTO-10-2535-SC	11.7 - 18	25 - 35	single-core
CSTO-10-3512-SC	16.9 - 26	35 - 120	single-core
CSTO-10-1530-SC	24.7 - 38	150 - 300	single-core
CSTO-10-4063-SC	32.5 - 50	400 - 630	single-core
<b>12/20(24) kV Outdoor</b>			
CSTO-24-3595-T	16.9 - 26	35 - 95	three-core
CSTO-24-1218-T	24.7 - 38	120 - 185	three-core
CSTO-24-2440-T	24.7 - 38	240 - 300	three-core
CSTO-24-400-T	24.7 - 38	400	three-core
CSTO-24-3595-SC-T	16.9 - 26	35 - 95	single-core
CSTO-24-1224-SC-T	24.7 - 38	120 - 240	single-core
CSTO-24-3050-SC-T	32.5 - 50	300 - 500	single-core

### PRODUCT SELECTION INFORMATION

Description	Diameter over insulation (mm <sup>2</sup> )	Conductor Cross Section (mm <sup>2</sup> )	Comment
<b>27.5/52 kV Outdoor</b>			
CSTO-27.5-150-SC	37 - 41	150	single-core
CSTO-27.5-185-SC	40.5 - 47	185	single-core
CSTO-27.5-240-SC	40.5 - 47	240	single-core
CSTO-27.5-300-SC	40.5 - 47	300	single-core
CSTO-27.5-400-SC	46.5 - 53	400	single-core
<b>27.5/52 kV Indoor</b>			
CSTI-27.5-150-SC	37 - 41	150	single-core
CSTI-27.5-185-SC	40.5 - 47	185	single-core
CSTI-27.5-240-SC	40.5 - 47	240	single-core
CSTI-27.5-300-SC	40.5 - 47	300	single-core
CSTI-27.5-400-SC	46.5 - 53	400	single-core

Conductor cross-section is only for reference, cable Insulation Outer Diameter is a key element for product selection.  
Cable data refers to GB/T 12706.  
Single-core products are suitable for copper tape screen, none-armor cable.  
If you have special requirement, please contact your local sales representative.  
Recommend to use mechanical or crimping connectors and lugs from TE.

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