



CSTI/CSTO - COLD SHRINK TERMINATION FOR POLYMERIC INSULATED CABLES UP TO 24 KV

KEY FEATURES

- Pre-expanded termination body with integrated stress control deflector and sealing mastic
- Easy-to-install holdout system, rib cord pulling direction towards the lug not the bottom of the termination
- Accommodates mechanical shear bolt lug and compression lug
- CENELEC HD 629.1.S3, requirements which include IEC, BS, VDE and other international specifications
- ISO 9001, ISO 14001

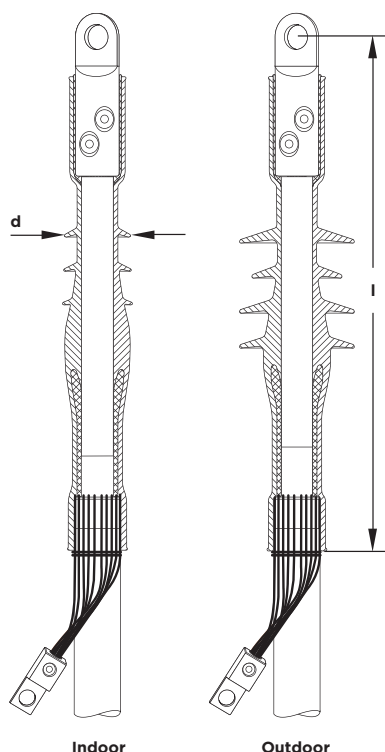
TE Connectivity's (TE) Raychem cold shrink terminations CSTI/O are made from a high performance, liquid silicone material which is specially formulated for excellent tracking and split resistance.

They are easy to install thanks to the spiral holdout, have integrated sealing mastic and outstanding weathering, UV and ozone resistance.

CSTI/O also present excellent electrical properties, including good tracking resistance and high dielectric strength. They retain performance over wide temperature range -45 to $+150^{\circ}\text{C}$.

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

CSTI/CSTO - Cold Shrink Termination for Polymeric Insulated Cables up to 24 kV



| TECHNICAL DATA | | | | |
|---------------------------------------|--------------------|-------------|--------------|-------------|
| Voltage class | (kV) | 6.35/11(12) | 8.7/15(17.5) | 12.7/22(24) |
| Cable insulation diameter | (mm) | 13.7 - 40.0 | 15.7 - 41.9 | 17.9 - 44.0 |
| Cross section range | (mm ²) | 25 - 630 | 25 - 630 | 35 - 630 |
| Creepage distance indoor CSTI | (mm) | 465 - 495 | 465 - 495 | 465 - 495 |
| Creepage distance outdoor CSTO | (mm) | 520 - 565 | 520 - 565 | 520 - 565 |
| Installed length indoor CSTI | (mm) | 300 - 375 | 300 - 375 | 350 - 380 |
| Installed length outdoor CSTO | (mm) | 355 - 380 | 355 - 380 | 355 - 380 |
| Installed diameter indoor CSTI | (mm) | 45 - 70 | 47 - 72 | 49 - 75 |
| Installed diameter outdoor CSTO | (mm) | 75 - 100 | 77 - 102 | 80 - 105 |
| Number of sheds indoor CSTI | (pC) | 3 | 3 | 3 |
| Number of sheds outdoor CSTO | (pC) | 4 | 4 | 4 |
| Max system voltage U _m | (kV) | 12 | 17.5 | 24 |
| Basic impulse level | (kV) | 95 | 95 | 125 |
| Partial discharge at 2 U ₀ | (pC) | <2 | <2 | <2 |
| AC Voltage withstand, 5 min | (kV) | 28.5 | 39 | 57 |
| Kit application range | Designation | | | |
| 25 - 95 | CSTI/CSTO | 3122 | 4122 | 5122 |
| 95 - 240 | CSTI/CSTO | 3132 | 4132 | 5132 |
| 300 - 400 | CSTI/CSTO | 3142 | 4142 | 5142 |
| 500 - 630 | CSTI/CSTO | 3152 | 4152 | 5152 |

* based on the BLMT mechanical lugs
based on DIN VDE 0276 HD 620 A2 (2004)

Variations possible depending on cable dimensions and cable lug configuration.

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