



## CSTI/CSTO - COLD SHRINK TERMINATION FOR POLYMERIC INSULATED CABLES UP TO 42 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

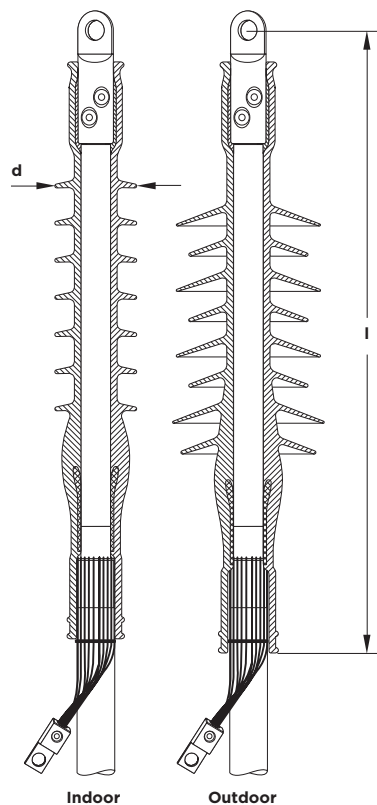
TE Connectivity's (TE) Raychem cold shrink terminations CSTI/O are made from a high performance, liquid silicone material which is specially formulated for excellent tracking and split resistance.

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°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 42 kV



TECHNICAL DATA			
Voltage class	(kV)	19/33(36)	20.8/36(42)
Cable insulation diameter	(mm)	24.5 - 53.4	24.5 - 53.4
Cross section range	(mm <sup>2</sup> )	50 - 1000	50 - 1000
Creepage distance indoor CSTI	(mm)	738 - 788	738 - 788
Creepage distance outdoor CSTO	(mm)	1138 - 1186	1138 - 1186
Installed length indoor CSTI	(mm)	600*	600*
Installed length outdoor CSTO	(mm)	600*	600*
Installed diameter indoor CSTI	(mm)	73 - 100	73 - 100
Installed diameter outdoor CSTO	(mm)	135 - 165	135 - 165
Number of sheds indoor CSTI	(pC)	7	7
Number of sheds outdoor CSTO	(pC)	8	8
Max system voltage U <sub>m</sub>	(kV)	36	42
Basic impulse level	(kV)	195	200
Partial discharge at 2 U <sub>0</sub>	(pC)	<2	<2
AC Voltage withstand, 5 min	(kV)	86	94
Kit application range	Designation		
50 - 70	CSTI/CSTO	6122	7122
95 - 150	CSTI/CSTO	6132	7132
185 - 400	CSTI/CSTO	6142	7142
500 - 630	CSTI/CSTO	6152	7152
800 - 1000	CSTI/CSTO	6162	7162

\* 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.

[te.com/energy](http://te.com/energy)

©2017 TE Connectivity Ltd. family of companies. All Rights Reserved. EPP-2850-1/17

Raychem, TE Connectivity and TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

### FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Italy:	+ 39 333 250 0915
Benelux:	+ 32 16 351 731
Russia:	+7 495-790 790 2-200
China:	+ 86 (0) 400-820-6015