

RAYCHEM COLD SHRINK TERMINATIONS CSTOS FOR POLYMERIC CABLES UP TO 15 kV

KEY FEATURES

- Spiral holdout with pull direction toward the lug provides easy installation
- Integrated lug sealing mastic and hi-K mastic
- Outstanding weathering, UV and ozone resistance
- Chemical-resistant and fungus-resistant
- Hydrophobic silicone material to repel water

Our Class 1 A Cold Shrink Terminations CSTOS are the one-piece solution for great performance in cold applied terminations for polymeric cables up to 15 kV. Our CSTOS offer a reliable, fast and easy-to-install system to ensure trouble-free service.

Our components are pre-expanded on an easy-to-remove spiral holdout, allowing installation in compact environments on prepared cable.

The silicone body is specially formulated for excellent tracking and erosion resistance. The integrated hi-K mastic provide stress relief and eliminates the need for silicone grease. Sealing mastic for the lug end is built into the expanded termination eliminating the need for additional sealing tapes. Shear bolt and compression style terminals and pin connectors are available to provide reliable connection to a variety of conductors.

The CSTOS components have full traceability to raw materials and are in compliance with the IEEE-48 standards.

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

Cold Shrink Terminations CSTOS



HOW TO ORDER

1	2	
Prefix	1 or 3/C	
Code	Code	
CSTOS	-3	3/C

Sample part number:

CSTOS-152J-CP5-B2

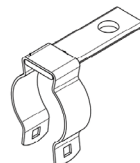
3		4						
Voltage Rating	Body Size*	Nominal AWG Cable Sizes						
Code	Code	Cable Insulation O.D. Range	5 kV 133% / 8 kV 100%	15 kV 100%	15 kV 133%	25 kV 100%	28 kV 100%	35 kV 100%
-15	2	0.65 - 1.06 in 16.5 - 27.0 mm	2/0 - 350 kcmil	#2 - 250 kcmil	#2 - 4/0	-	-	-

** Select Body Size Code based on Outside Diameter of insulation. Selections are based on the typical dimensions of Concentric-Stranded insulated cables and the dimensions of commonly used connectors manufactured in accordance with AIEC standard. Nominal insulation thicknesses: 15 kV 100% (175 mils), 15 kV 133% (220 mils), 25 kV 100% (260 mils), 28 kV (280 mils), 35 kV (345) mils.

5	
Cable Neutral Type	
Code	Type
G	Copper tape
J	JCN

6					
Connector Type and Size					
Code	Type	Use Range (in)	Size	TE Part Number	TE Cat Description
blank	no connector included		N/A	Select Connector	
-CP0	Compression pin (12 inchea)		#2	2182448-1	SCP-2-12
-CP1	Compression pin (12 inches)		#1	2182448-2	SCP-1-12
-CP2	Compression pin (12 inches)		1/0	2182448-3	SCP-10-12
-CP3	Compression pin (12 inches)		2/0	2182448-4	SCP-20-12
-CP4	Compression pin (12 inches)		3/0	2182448-5	SCP-30-12
-CP5	Compression pin (12 inches)		4/0	2182448-6	SCP-40-12
-CL0	Copper Compression lug (2-hole)		#2	EN3750-353	TCTL2-2-1/2-IV-U
-CL1	Copper Compression lug (2-hole)		#1	EN3750-613	TCTL2-1-1/2-IV-U
-CL2	Copper Compression lug (2-hole)		1/0	EN3750-168	TCTL2-1/0-1/2-IV-U
-CL3	Copper Compression lug (2-hole)		2/0	EN3750-311	TCTL2-2/0-1/2-IV-U
-CL4	Copper Compression lug (2-hole)		3/0	EN3750-354	TCTL2-3/0-1/2-IV-U
-CL5	Copper Compression lug (2-hole)		4/0	EN3750-170	TCTL2-4/0-1/2-IV-U
-CL6	Copper Compression lug (2-hole)		350	EN3750-166	TCTL2-350-1/2-IV-U
-AL2	Aluminum Compression lug (2-hole)		1/0	EN3750-018	TATL2-1/0-1/2-U
-AL3	Aluminum Compression lug (2-hole)		2/0	EN3750-326	TATL2-2/0-1/2-U
-AL4	Aluminum Compression lug (2-hole)		3/0	EN3750-327	TATL2-3/0-1/2-U
-AL5	Aluminum Compression lug (2-hole)		4/0	EN3750-019	TATL2-4/0-1/2-U
-AL55	Aluminum Compression lug (2-hole)		250	EN3750-391	TATL2-250-1/2-U
-AL6	Aluminum Compression lug (2-hole)		350	EN3750-377	TATL2-350-1/2-U
-SP0	Aluminum Shear Bolt pin (12 inches)	0.258 - 0.373	#2 - 4/0	2182442-1	ASBP-2-4/0-12
-SP1	Aluminum Shear Bolt pin (12 inches)	0.52-0.69	250 - 350	2182445-1	ASBP-250-350-12
-SL0	Aluminum Shear Bolt lug (2-hole)	0.268 - 0.528	#2 - 4/0	2363968-1	ASBT-2-4/0-SLIM
-SL1	Aluminum Shear Bolt lug (2-hole)	0.268 - 0.681	#2 - 350	CM9694-000	ASBT-2-350
-3SL0	Aluminum Shear Bolt lug (3-hole)	0.258 - 0.373	#2 - 4/0	2182671-1	ASBT-2-4/0-3H
-3SL1	Aluminum Shear Bolt lug (3-hole)	0.376-0.681	2/0-350	2182786-1	ASBT-2/0-350-3H-Q

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Bracket				
Code	Use Range (in)	Size	TE Part Number	TE Cat Description
blank	not included	n/a		
-B1	0.80 - 1.25	straight	EH8149-000	BRKT-1-SS-SPCL
-B5	0.80 - 1.25	90 degree	111745-000	BRKT-1-SS



Straight Bracket



90 Degree Bracket

Learn more: [TE.com/energy](https://www.te.com/energy)

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