



COLD SHRINK DISCONNECTABLE JOINT (CSJD)

FOR 15 KV - 28 KV SUBMERSIBLE SECONDARY CONNECTORS

KEY FEATURES

- Pre-expanded EPDM re-jacketing sleeve and integrated neutral sock provide easy installation
- Joint body, jacket seal and copper neutral sock integrated into a single unit
- Ergonomically designed spiral holdout provides smooth installation with low release forces
- Meets IEEE 404 (2012) requirements for 15/28 kV

TE Connectivity's (TE's) Raychem CSJD, cold shrinkable disconnectable joint for 15 kV through 28 kV is designed to connect tape shield, LC shield, JCN and flat strap shielded cables to standard 'I', 'Y' and 'H' insulated cable buses.

Additional Features:

The silicone rubber body provides high dielectric strength, high tear strength, low tension set, and excellent low temperature recovery.

Integrated electrical stress control is enhanced by factory molded stress cones and a Faraday cage.

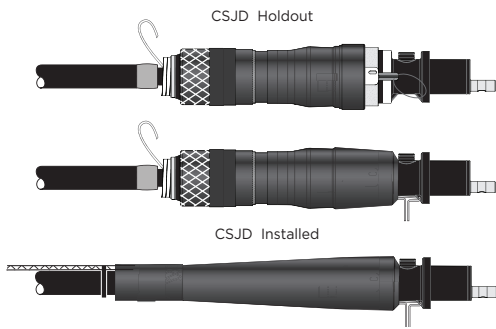
No cable adapter or retaining rings needed because of the cold shrinkable range-taking design.

CSJD kits include copper or aluminum shearbolt connectors and shear-head bus bolts.

The flexible silicone rubber joint body combined with an integrated EPDM jacket provides a tight moisture seal that remains secure, even when the joint is bent or moved.

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

Cold Shrink Disconnectable Joint



Sleeve Restraint-D

TE's unique sleeve restraint secures a molded disconnectable joint to the bus when a CSJD is installed in an opposing position.



CSJD-Removal Tool

This tool makes removal of a CSJD disconnectable joint safe and easy, without risk of damaging the cable.

SELECTION INFORMATION: DIMENSIONS IN INCHES (mm)

Voltage Class	Catalog Number	Nominal Cable Range	Min/Max Insulation OD	Max Jacket OD	Neutral Sock (AWG)	Min/Max Diameter Over Cable Conductor*	Kit Installed Length	Required Installation Space
Disconnectable Joint with Aluminum Mechanical ShearBolt Connector								
15 kV	CSJD-1521-A1	#2 - 350	0.69 - 1.20 (17.5 - 30.5)	1.50 (38.1)	1/0	0.268 - 0.681 (6.8 - 17.3)	24 (610)	33 (838)
15 kV	CSJD-1523-A2	350 - 750	1.03 - 1.58 (26.2 - 40.0)	2.05 (52.1)	1/0	0.616 - 0.998 (15.7 - 25.4)	24 (610)	33 (838)
15 kV	CSJD-1524-A3	750 - 1000	1.28 - 2.05 (32.5 - 52.0)	2.60 (66.0)	2/0	0.813 - 1.252 (20.7 - 29.3)	24 (610)	33 (838)
28 kV	CSJD-2821-A1	#2 - 4/0	0.69 - 1.20 (17.5 - 30.5)	1.50 (38.1)	2/0	0.268 - 0.681 (6.8 - 17.3)	24 (610)	33 (838)
28 kV	CSJD-2823-A1	4/0 - 350	1.03 - 1.58 (26.2 - 40.0)	2.05 (52.1)	2/0	0.268 - 0.681 (6.8 - 17.3)	24 (610)	33 (838)
28 kV	CSJD-2823-A2	350 - 750	1.03 - 1.58 (26.2 - 40.0)	2.05 (52.1)	2/0	0.616 - 0.998 (15.7 - 25.4)	24 (610)	33 (838)
28 kV	CSJD-2824-A2	500 - 750	1.28 - 2.05 (32.5 - 52.0)	2.60 (66.0)	2/0	0.616 - 0.998 (15.7 - 25.4)	24 (610)	33 (838)
28 kV	CSJD-2824-A3	750 - 1000	1.28 - 2.05 (32.5 - 52.0)	2.60 (66.0)	2/0	0.813 - 1.252 (20.7 - 29.3)	24 (610)	33 (838)

SELECTION INFORMATION: DIMENSIONS IN INCHES (mm)

Voltage Class	Catalog Number	Nominal Cable Range	Min/Max Insulation OD	Max Jacket OD	Neutral Sock (AWG)	Min/Max Diameter Over Cable Conductor*	Kit Installed Length	Required Installation Space
Disconnectable Joint with Copper Mechanical ShearBolt Connector								
15 kV	CSJD-1521-C1	#2 - 4/0	0.69 - 1.20 (17.5 - 30.5)	1.50 (38.1)	2/0	0.268 - 0.528 (6.8 - 13.4)	24 (610)	33 (838)
15 kV	CSJD-1521-C2	4/0 - 350	0.69 - 1.20 (17.5 - 30.5)	1.50 (38.1)	2/0	0.376 - 0.813 (9.6 - 20.7)	24 (610)	33 (838)
15 kV	CSJD-1523-C3	300 - 750	1.03 - 1.58 (26.2 - 40.0)	2.05 (52.1)	2/0	0.570 - 0.998 (14.5 - 25.3)	24 (610)	33 (838)
28 kV	CSJD-1524-C4	500 - 1000	1.28 - 2.05 (32.5 - 52.0)	2.60 (66.0)	2/0	0.736 - 1.152 (18.7 - 29.30)	24 (610)	33 (838)
28 kV	CSJD-2821-C1	#2 - 4/0	0.69 - 1.20 (17.5 - 30.5)	1.50 (38.1)	2/0	0.268 - 0.528 (6.8 - 13.4)	24 (610)	33 (838)
28 kV	CSJD-2823-C2	4/0 - 500	1.03 - 1.58 (26.2 - 40.0)	2.05 (52.1)	2/0	0.376 - 0.813 (9.6 - 20.7)	24 (610)	33 (838)
28 kV	CSJD-2823-C3	300 - 750	1.03 - 1.58 (26.2 - 40.0)	2.05 (52.1)	2/0	0.570 - 0.998 (14.5 - 25.3)	24 (610)	33 (838)
28 kV	CSJD-2824-C4	500 - 1000	1.28 - 2.05 (32.5 - 52.0)	2.60 (66.0)	2/0	0.736 - 1.152 (18.7 - 29.30)	24 (610)	33 (838)

Ordering Information

- Selections are based on the typical dimensions of 100% insulated cables, manufactured in accordance with AEIC standard. Nominal insulation thickness (100%): 15 kV:175mils, 25 kV:260mils.
- Select the appropriate catalog number. Use the insulation OD, and jacket OD range as the final ordering criteria.
- For other applications or if you have any questions, contact your TE representative.
- Standard package: 1 kit per box.
- Related test reports: EDR-5582

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 16 508 695
Russia:	+ 7 495-790 790 2-200
China:	+ 86 (0) 400-820-6015

te.com/energy

© 2019 TE Connectivity. All Rights Reserved. EPP-2727-DDS-6/16-EN-AMS-CSJD-Raychem E535

TE's 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 reserves the right to make any adjustments to the information contained herein at any time without notice. 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.