



COLD SHRINK DISCONNECTABLE JOINT (CSJD) FOR 15 KV - 28 KV

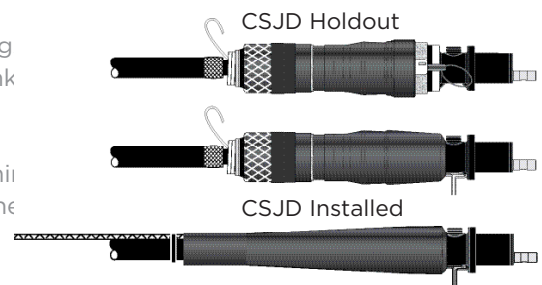
KEY FEATURES

- Pre-expanded EPDM rejacketing 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

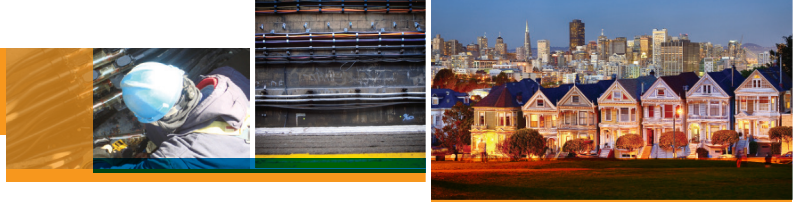
TE Connectivity's (TE's) Raychem CSJD cold shrinkable disconnectable joint for 15 kV through 28 kV is designed to connect tape shield, LC shield, JCN and flat strap shielded cables to standard 'I', 'Y' and 'H' insulated cable buses.

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 ring needed because of the cold shrink range-taking design.
- CSJD kits include copper or aluminum shearbolt connectors and shear-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.



CSJD Product Specifications



PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MILLIMETERS)								
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)
* Min/max diameter over cable conductor accepted by the aluminum mechanical connector.								
PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MILLIMETERS)								
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								
15kV	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)
15kV	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)
15kV	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)
15kV	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)
28kV	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)
28kV	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)
28kV	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)
28kV	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)
* Min/max diameter over cable conductor accepted by the copper mechanical connector.								



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.

Ordering Information

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

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