



600-Amp Separable Cable Joints

600 Series Separable Cable Joints

600 Series Separable Cable Joints are available in 2-, 3- and 4-way versions and include a capacitive test point as standard. Units are interchangeable, featuring bolted connections. Designs are compact and ideally suited for small vaults and manholes.

De-energized joints can be quickly and easily connected and disconnected using standard hand tools and equipment in accordance with accepted operating practices. Bus bars can be changed to add or remove cables from the joint.

Optional accessories include insulating and grounding caps and plugs which allow visible external separation, bypass, isolation, dead-ending, grounding and testing.



Ratings Overview

See **page H-2** for complete information.

Current Ratings

(Prefixes: **650, K650, K655, K656 & 03700**)

600 Amp Continuous
25kA sym., 10 cycles

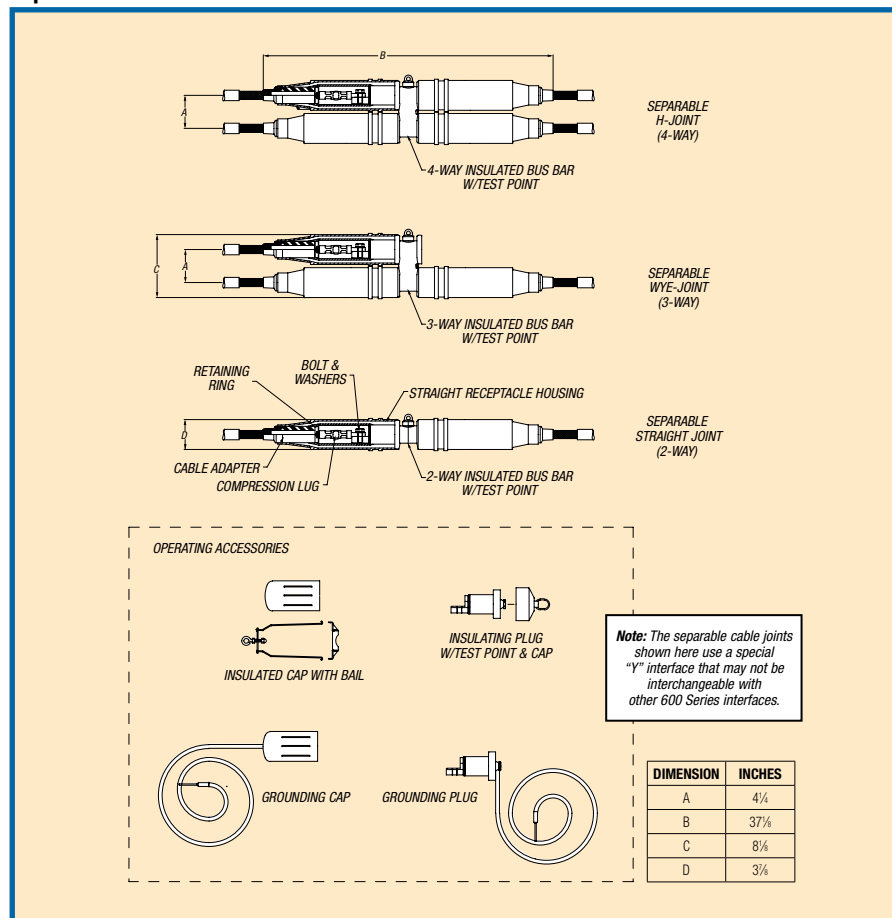
Voltage Ratings

15/25kV Class (5kV thru 28kV)

16.2kV Phase-to-Ground
28kV Phase-to-Phase
140kV BIL
45kV AC Withstand
84kV DC Withstand
21.5kV Corona Extinction

Note: Elastimold has increased the IEEE Standard Production and Design Test levels for 25kV Class products to include 27kV and 28kV systems.

Separable Cable Joints – 600 Series Deadbreak



600-Amp Separable Cable Joints



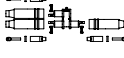
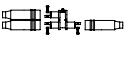

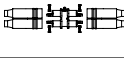
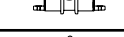

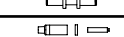
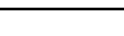
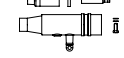

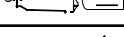
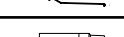
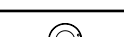

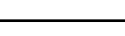


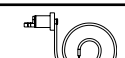

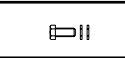


ILLUSTRATION (NOT TO SCALE)	DESCRIPTION	VOLTAGE CLASS	CAT. NO.	NOTES
	Separable Straight Joint Pkg. (2-Way) w/ Test Point	15/25kV	K656I-WOX Use Tables W7 and X6	N1, 8
	Basic Housing Pkg. Straight Joint w/ Test Point	15/25kV	K656I-HP	N2
	Separable Wye Joint Pkg. (3-Way) w/ Test Point	15/25kV	K656CY-WOX Use Tables W7 and X6	N1, 8
	Basic Housing Pkg. Wye Joint w/ Test point	15/25kV	K656CY-HP	N2
	Separable "H" Joint Pkg. (4-Way) w/ Test Point	15/25kV	K656CH-WOX Use Tables W7 and X6	N1, 8
	Basic Housing Pkg. "H" Joint w/ Test Point	15/25kV	K656CH-HP	N2
	2-Way Insulated Bus Bar w/Test Point	15/25kV	K656I-BUS	N3
	3-Way Insulated Bus Bar w/Test Point	15/25kV	K656CY-BUS	N3
	4-Way Insulated Bus Bar w/Test Point	15/25kV	K656CH-BUS	N3
	Straight Receptacle	15/25kV	K655YSR-WOX Use Tables W7 and X6	N4, 8
	Direct Test Straight Receptacle Elbow	15/25kV	K655YDSR-WOX Use Tables W7 and X6	N4, 8, 11
	Direct Test Straight Receptacle Elbow w/ Test Point	15/25kV	K656YDSR-WOX Use Tables W7 and X6	N4, 8, 11
	Straight Receptacle Housing Only	15/25kV	K655YBSR	N5, 10
	Insulated Cap w/ Bail	15/25kV	K655YDR	
	Bail Only	15/25kV	650BA	
	Cable Adapter	15/25kV	655CA-W Use Table W7	
	Adapter Retaining Ring	15/25kV	650ARR-X	
	Compression Lug	15/25kV 15/25kV	03700X 03702X Use Table X6	N7 N9

ILLUSTRATION (NOT TO SCALE)	DESCRIPTION	VOLTAGE CLASS	CAT. NO.	NOTES
	600 Series Straight Receptacle Size Sensitive Kit (Cable Adapter, Retaining Ring & Lug)	15/25kV	655CK-WOX-ARR Use Tables W7 and X6	N8
	Insulating Plug w/ Test Point & Cap	15/25kV	K650YBIP	
	Grounding Plug (4/0 AWG x 6' Ground Lead)	15/25kV	650YGP	
	Grounding Cap (4/0 AWG x 6' Ground Lead)	15/25kV	650GYDR	
	Stainless Steel Bolt & Washers	15/25kV	650BAW	
	Assembly/Disassembly Tool	All	600YADT-1	N6
	Assembly/Disassembly Tool	All	600RRT	N6

- N1. Complete Joint Packages consisting of: insulated bus bar, straight receptacle housings, retaining rings, cable size adapters, lugs, bolts and washers.
- N2. Housing Packages consisting of the following non-size sensitive components of the joint: insulated bus bar, straight receptacle housings, bolts and washers.
- N3. Insulated bus bar only.
- N4. Straight Receptacle consisting of: straight receptacle housing, retaining ring, cable adapter, lug, bolt and washers.
- N5. Straight receptacle housing consisting of: straight receptacle housing, bolt and washers.
- N6. Recommended for ease of assembly/disassembly of receptacles to Bus. 600YADT-1 is lever drive and 600RRT is screw drive.
- N7. Aluminum lug for use on aluminum or copper conductors. DO NOT substitute threaded 03600X lug.
- N8. Add suffix symbol from **page H-38** to include cable shield grounding kit and/or cable jacket sealing kit.
- N9. Copper lug for use with COPPER CONDUCTOR ONLY. DO NOT substitute threaded 03602X lug.
- N10. Available without the bolt and washers by adding "N" to the part number.
- N11. Direct Test Connectors, along with a 200TC-X series meter adapter, a properly rated voltage meter and Hot-line Stick, provides a means for direct conductor voltage testing. See **page H-11** for meter adapters.

Refer to the **W** and **X** tables on **page H-45** for sizing to cable insulation diameter and conductor size. For cable shield adapters and jacket seals, see **page H-37**.



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