

## 600 Series Deadbreak – Stick-Op™, Window-Op™

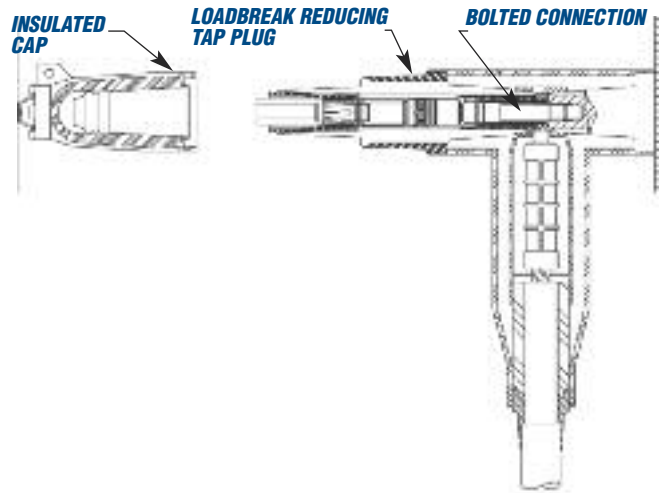
Elastimold® 600 Series Window-Op™ and Stick-Op™ deadbreak connector systems incorporate provisions for hotstick operation of DE-ENERGIZED primary feeder or network circuits.

The Window-Op and Stick-Op connectors allow direct testing and grounding with no required cable movement.

Window-Op is ideal for equipment applications which include viewing windows to provide an internal visible break that does not require hotstick removal of the elbows.

Stick-Op provides an external visible break by hotstick removal of the elbow.

Window-Op and Stick-Op connectors are bolted and installed using torque controlled tools.



### Ratings Overview

See page A3–A4 for complete information.

#### Current Ratings

600 and 900 A Continuous  
25 kA sym., 10 cycles

NOTE: 900 A ratings require copper cable and copper current-carrying components.

#### Continuous Voltage Ratings

##### 15 kV Class

8.3 kV Phase-to-Ground  
14.4 kV Phase-to-Phase  
95 kV BIL

34 kV AC Withstand  
53 kV DC Withstand  
11 kV Corona Extinction

##### 25 kV Class

15.2 kV Phase-to-Ground  
26.3 kV Phase-to-Phase  
125 kV BIL

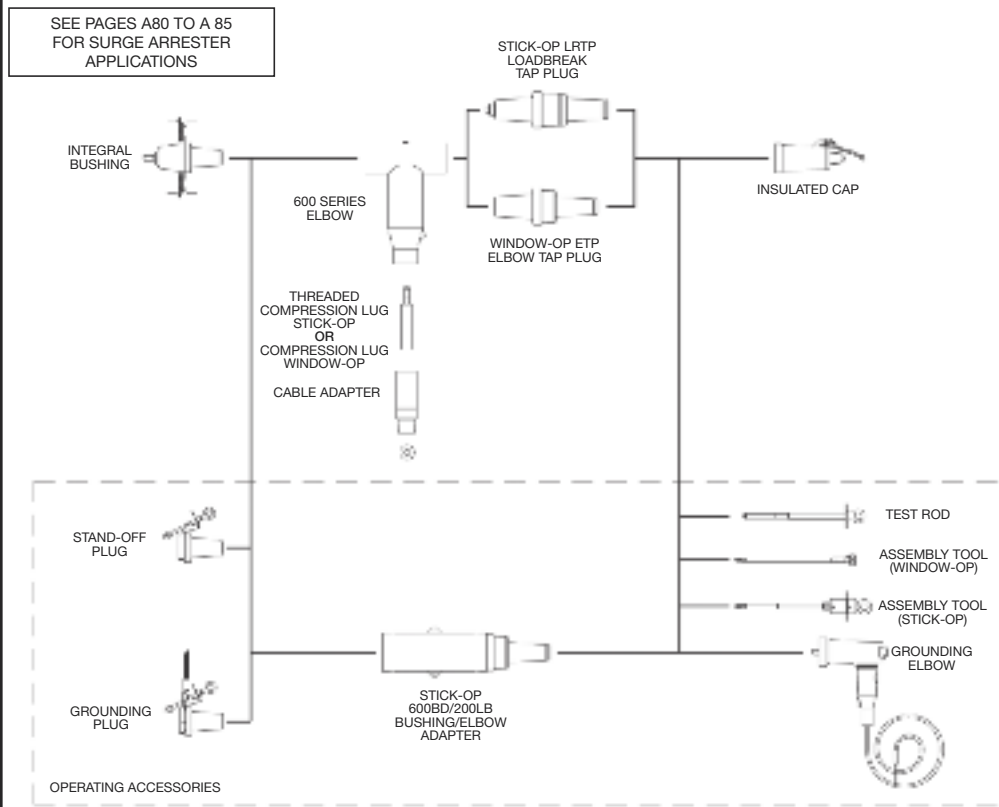
40 kV AC Withstand  
78 kV DC Withstand  
19 kV Corona Extinction

##### 35 kV Class

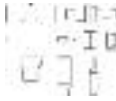
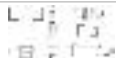

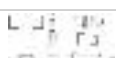














21.1 kV Phase-to-Ground  
36.6 kV Phase-to-Phase  
150 kV BIL

50 kV AC Withstand  
103 kV DC Withstand  
26 kV Corona Extinction

### STICK-OP™ and WINDOW-OP™ SYSTEM – 600 SERIES DEADBREAK



## 600 Series Deadbreak – Stick-Op™, Window-Op™

Illustration (not to scale)	Description	Voltage Class	ELASTIMOLD Cat. No.	Notes
	WINDOW-OP Connector Kit	15 kV 25 kV 35 kV	<b>655ETP-WOX-DRG</b> Use Tables W7 and X6 <b>K655ETP-WOX-DRG</b> Use Tables W7 and X6 <b>755ETP-WOX-DRG</b> Use Tables W9 and X6	N1, 4, 5, 6 13, 15
	WINDOW-OP Replacement Connector Kit	15 kV 25 kV	<b>655RETP</b>  <b>K655RETP</b>	N4, 5, 6 8, 13
	STICK-OP Connector Kit	15 kV 25 kV 35 kV	<b>655LRTP-WOX-DRG</b> Use Tables W7 and X6 <b>K655LRTP-WOX-DRG</b> Use Tables W7 and X6 <b>755LRTP-WOX-DRG</b> Use Tables W9 and X6	N2, 3, 4, 5, 8, 13
	STICK-OP Replacement Connector Kit	15 kV 25 kV	<b>655RLRTP</b>  <b>K655RLRTP</b>	N3, 4, 5 8, 13, 16
	WINDOW-OP Loadbreak Elbow Tap Plug	15 kV 25 kV 35 kV	<b>650ETP</b> <b>K650ETP</b> <b>750ETP</b>	N4, 15 N4, 15 N4, 15
	STICK-OP Loadbreak Reducing Tap Plug	15 kV 25 kV 35 kV	<b>650LRTPA3</b> <b>K650LRTPA2</b> <b>750LRTPA2</b>	N3,4
	STICK-OP Bushing Adapter	15 kV 25 kV 35 kV	<b>655BEA3</b> <b>K655BEA2</b> <b>755BEA2</b>	N3,4
	Compression Lug WINDOW-OP	ALL	<b>03700X</b> Use Tables X6	N6
		ALL	<b>03702X</b> Use Tables X6	N7
	Threaded Compression Lug STICK-OP	ALL	<b>03600X</b> Use Tables X6	N8
		ALL	<b>03602X</b> Use Tables X6	N9
	WINDOW-OP Size Sensitive Kit (Cable Adapter and Lug)	15/25 kV 35 kV	<b>655CK-WOX</b> Use Tables W7 and X6 <b>755CK-WOX</b> Use Tables W9 and X6	N5 N5
	STICK-OP Size Sensitive Kit (Cable Adapter and Threaded Lug)	15/25 kV 35 kV	<b>655TCK-WOX</b> Use Tables W7 and X6 <b>755TCK-WOX</b> Use Tables W9 and X6	N5 N5
	Extraction Tool	ALL	<b>650ET</b>	N10
	Grounding Elbow (1/0 AWG x 6' Ground Lead)	15 kV 25 kV 35 kV	<b>160GLR</b> <b>370GLR</b> <b>370GLR</b>	N14 N14
	Test Rod	ALL	<b>370TR</b>	
	Assembly Tool (Stick-Op)	ALL	<b>600AT</b>	N3
	Assembly Tool (Window-Op)	ALL	<b>600ATM</b>	N15
	STICK-Op Operating Kit	15 kV 25 kV 35 kV	<b>650STICK-OK</b> <b>K650STICK-OK</b> <b>750STICK-OK</b>	N11 N11 N11
	WINDOW-Op Operating Kit	15 kV 25 kV 35 kV	<b>650WINDOW-OK</b> <b>K650WINDOW-OK</b> <b>750WINDOW-OK</b>	N12 N12 N12

- N1. Window-Op Kit includes: insulated cap; Window-Op reducing tap plug; 600 Series elbow housing; cable adapter; and 0370 style compression lug.
- N2. Stick-Op Kit includes insulated cap; Stick-Op Loadbreak reducing tap plug; 600 A Elbow Housing; cable adapter; and threaded 0360 style compression lug.
- N3. 600AT assembly tool required for operation and/or installation of Stick-Op.
- N4. For 900 A ratings, substitute 675 for 650 and 655; 676 for 656; K675 for K650 and K655; K676 for K656; 775 for 750 and 755; 776 for 756 and 2X for 0X in the Cat. No. The 900 A rating requires copper current-carrying connector components and copper conductor cable.
- N5. Add suffix symbol from page A29 to include cable shield grounding kit and/or cable jacket sealing kit.
- N6. Aluminum lug for use on aluminum or copper conductors. DO NOT substitute threaded 03600X lug.
- N7. Copper lug for use on COPPER CONDUCTOR ONLY. DO NOT substitute 03602X threaded lug.
- N8. Threaded aluminum lug (Stick-Op only) for use on copper or aluminum conductors. DO NOT substitute unthreaded 03700X lugs. DO NOT use with 675, 676, K675, K676, 775 or 776 Cat. Nos.
- N9. Threaded copper lug (Stick-Op only) for use on copper conductors only. DO NOT substitute unthreaded 03702X lugs.
- N10. Required to disassemble Stick-Op loadbreak reducing tap plug from the threaded compression lug and 600 Series elbow after the shear-pin is broken during assembly.
- N11. Stick-Op Operating Kit includes accessories that enable visible break direct testing, isolation, and grounding functions to be performed. Kit includes: 3-insulated parking bushings; 3-grounding elbows; 3-600DB/200LB bushing/elbow adapters; 1-assembly tool; 1-test rod; 1-carry case; 1-lubricant; 1-instructions.
- N12. Window-Op Operating Kit includes accessories that enable visible grounding and direct testing functions to be performed. Kit includes: 3-grounding elbows; 1-test rod; 1-carry case; 1-lubricant; 1-instructions.
- N13. 600 Series Elbows and Straight Receptacles with IEEE Std. 386 capacitive test points are available by substituting 656 for 655; K656 for K655; K676 for K675; 756 for 755; 676 for 675; K676 for K675 and 776 for 775 in the Cat. Nos.
- N14. Rated for both 25 kV and 35 kV applications.
- N15. 600ATM assembly tool required for Window-Op assembly. 50 – 60 ft./lb. torque wrench required but not included.
- N16. Replacement Elbow includes: insulated cap; reducing tap plug; 600 series elbow housing; I-Adapter; straight receptacle, resulting in a net gain of 20 in. length vs. a standard elbow kit. Compression lugs and cable adapters are ordered separately.

Refer to the W and X tables on pages A39 to A41 for sizing to cable insulation diameter and conductor size. For cable shield adapters and jacket seals, see page A30.