

## 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 <b>03702X</b> Use Tables X6	N6 N7
	Threaded Compression Lug STICK-OP	ALL	<b>03600X</b> Use Tables X6 <b>03602X</b> Use Tables X6	N8 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.

## WX Size Tables

Table X3A USE FOR FOLLOWING PRODUCTS <b>35MTG</b> NOTE: SEE PAGE A24 FOR DETAILED APPLICATION INFORMATION	Conductor Size AWG or kcmil	Symbol for X	
		Strand./ Compr.	Compt./ Solid.
	400	400	–
	450	450	400
	500	500	450
	550	550	500
	600	600	500
	650-700	650	550
	750	750	600
	800	750	650
	1000	1000	–

Table X4 USE FOR FOLLOWING PRODUCTS <b>16THGS</b> <b>16CAS</b>	Riser Conductor Size AWG Solid	Symbol for X
	#2	2
	#1	2
	1/0	10
	2/0	20
	3/0	30
	4/0	30

Table X6 USE FOR FOLLOWING PRODUCTS <b>655/656LRTP</b> <b>K655/656LRTP</b> <b>755/756LRTP</b> <b>K656I/Y/H</b> <b>K655/656LR</b> <b>755/756LR</b> <b>K655/656SR</b> <b>655/656LINK</b> <b>K655/656LINK</b> <b>755/756LINK</b> <b>655/656ETP</b> <b>K655/656ETP</b> <b>755/756ETP</b> <b>655/656BI-LINK</b> <b>K655/656BI-LINK</b> <b>755BI-LINK</b> <b>655CK</b> <b>755CK</b> <b>655TCK</b> <b>03600</b> <b>03602</b> <b>03700</b> <b>03702</b>	Conductor Size AWG or kcmil	Symbol for X	
		Strand./ Compr.	Compt./ Solid.
	#2	220	210
	#1	230	220
	1/0	240	230
	2/0	250	240
	3/0	260	250
	4/0	270	260
	250	280	270
	300	290	280
	350	300	290
	400	310	300
	450	320	310
	500	330	320
	550	340	320
	600	350	330
	650	360	340
	700	380	350
	750	380	360
	800	390	360
	900	400	380
	1000	410	400
	1250	440	420

Table X7 USE FOR FOLLOWING PRODUCTS <b>15PCJ1</b> <b>25PCJ1</b> <b>35PCJ1</b> <b>15PCJ2</b> <b>25PCJ2</b> <b>35PCJ2</b>	Conductor Size AWG or kcmil	Symbol for X	
		Strand./ Compr.	Compt./ Solid.
	#6	180	–
	#5	190	180
	#4	200	190
	#3	210	200
	#2	220	210
	#1	230	220
	1/0	240	230
	2/0	250	240
	3/0	260	250
	4/0	270	260
	250	280	270
	300	290	280
	350	300	290
	400	310	300
	450	320	310
	500	330	310
	550	340	320
	600	350	330
	650	360	340
	700	380	350
	750	380	360
	800	390	380
	900	400	380
	1000	410	400
	1250	440	420

Table X8 USE FOR FOLLOWING PRODUCTS <b>16THG</b> <b>16TCA</b>	Conductor Size AWG or kcmil	Symbol for X	
		Strand./ Compr.	Compt./ Solid.
	#6	180	–
	#5	190	180
	#4	200	190
	#3	210	200
	#2	220	210
	#1	230	220
	1/0	240	230
	2/0	250	240
	3/0	260	250
	4/0	270	260

Table X9 USE FOR FOLLOWING PRODUCTS <b>PCT1</b> <b>PCT2</b> <b>01000</b> <b>01010</b>	Conductor Size AWG or kcmil	Symbol for X	
		Strand./ Compr.	Compt./ Solid.
	#2	220	210
	#1	230	220
	1/0	240	230
	2/0	250	240
	3/0	260	250
	4/0	270	260