

600 Series Deadbreak

Illustration (not to scale)	Description	Voltage Class	ELASTIMOLD Cat. No.	Notes
	600 Series Elbow (w/ Insul. Plug, Cap, Stud, Lug and Cable Adapter)	15/25 kV 35 kV	K655LR-WOX Use Tables W7 and X6 755LR-WOX Use Tables W9 and X6	N1, 2, 12 N1, 2, 12
	600 Series Direct Test Elbow (w/ Insul. Plug, Cap, Stud Lug and Cable Adapter)	15/25 kV 35 kV	K655DLR-WOX 755DLR-WOX	N1, 2, 12, 14 N1, 2, 12, 14
	600 Series Elbow w/ Test Point (w/ Insul. Plug, Cap, Stud Lug and Cable Adapter)	15/25 kV 35 kV	K656LR-WOX Use Tables W7 and X6 756LR-WOX Use Tables W9 and X6	N1, 2, 12 N1, 2, 12
	600 Series Direct Test Elbow w/ Test Point (w/ Insul. Plug, Cap, Stud, Lug and Cable Adapter)	15/25 kV 35 kV	K656DLR-WOX Use Tables W7 and X6 756DLR-WOX Use Tables W9 and X6	N1, 2, 12, 14 N1, 2, 12, 14
	600 Series Elbow Housing only (w/ Stud)	15/25 kV 35 kV	K655BLR 755BLR	N1, 3 N1, 3
	600 Series Elbow w/ Test Point Housing only (w/ Stud)	15/25 kV 35 kV	K656BLR 756BLR	N1, 3 N1, 3
	600 Series Replacement Elbow Housing only w/o Test Point	15/25 kV	K655BRLR	N16
	600 Series Replacement Elbow Housing only w/o Test Point	15/25 kV	K656BRLR	N16
	600 Series Straight Receptacle (w/ Cable Adapter, Lug and Retaining Ring)	15/25 kV	K655SR-WOX Use Tables W7 and X6	N1, 2, 11
	600 Series Direct Test Straight Receptacle Elbow	15/25 kV	K655DSR-WOX Use Tables W7 and X6	N1, 2, 11, 14
	600 Series Straight Receptacle Housing (Lug and Cable Adapter not included)	15/25 kV	K655BSR	N1, 11
	Straight Receptacle Adapter	15/25 kV	K650SRA	N1, 4
	600 Series Vault Stretcher (Housing only)	15/25 kV 35 kV	K655BVS 755BVS	N1, 9 N1, 9
	Cable Size Adapter	15/25 kV 35 kV	655CA-W Use Table W7 755CA-W Use Table W9	
	Compression Lug	ALL ALL	03700X Use Table X6 03702X Use Table X6	N5 N6
	600 Series Elbow and Vault Stretcher Size Sensitive Kit (Cable Adapter and Lug)	15/25 kV 35 kV	655CK-WOX Use Tables W7 and X6 755CK-WOX Use Tables W9 and X6	N2 N2
	Adapter Retaining Ring	ALL	650ARR-X Use Table X6	

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.

Illustration (not to scale)	Description	Voltage Class	ELASTIMOLD Cat. No.	Notes
	600 Series Straight Receptacle Size Sensitive Kit (Cable Adapter, Retaining Ring and Lug)	15/25 kV	655CK-WOX-ARR Use Tables W7 and X6	N2
	Bushing Extender (w/ Stud)	15/25 kV 35 kV	K655BE 755BE	N1, 3 N1, 3
	Insulated Cap w/ Test Point (w/ Stud)	15/25 kV	K656DR	N3, 7
	Insulated Cap w/ Test Point (w/ Stud and Ground)	15/25 kV	K656DRG	N3, 7
	Insulating Plug (w/ Cap)	15/25 kV 35 kV	K650BIP 750BIP	N1, 7, 8 N1, 7, 8
	Grounding Plug (Ground Lead 2/0 AWG x 30 in.)	15/25 kV 35 kV	650GP 750GP	N1, 7, 8 N1, 7, 8
	Insulated Parking Bushing	15/25 kV 35 kV	K650SOP 750SOP	N7, 8 N7, 8
	Connecting Plug	15/25 kV 15/25 kV 35 kV	K650CP K651CP 750CP	N1, 7, 8, 9, 13 N1, 7, 8, 10 N1, 7, 8, 10
	Deadbreak Reducing Tap Plug	15/25 kV	K650RTP	N1, 7, 8, 9
	Reducing Tap Well	15/25 kV	K650RTW	N1, 7, 8, 9
	Loadbreak Elbow Tap Plug	15 kV 25 kV 35 kV	650ETP K650ETP 750ETP	N1, 7, 8, 10, 12 N1, 7, 8, 10, 12 N1, 7, 8, 10, 12
	Vault Stretcher Threaded Stud	15/25 kV 35 kV	650VSA 750VSA	N1 N1
	600 Series Elbow Threaded Stud	15/25 kV 35 kV	650SA 750SA	N1 N1
	Assembly Tool (Window-Op)	ALL	600ATM	N12
	Spanner Wrench	ALL	600SW	N9
	Direct Voltage Test Meter Adapter for: HD Electric Meters		200TC-1	N14
	Ross Meters	ALL	200TC-2	N14
	Chance Meters		200TC-4	N14

- N1. For 900 A ratings, substitute 675 for 650 and 655; 676 for 656; K671 for K651; 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.
- N2. Add suffix symbol from page A29 to include cable shield grounding kit and/or cable jacket sealing kit.
- N3. Available without the stud by adding "N" to the Cat. No.
- N4. Straight Receptacle Adapter is used to connect Straight Receptacles K655YBSR and K655YSR-WOX (Page A19) to equipment bushings.
- N5. Aluminum lug for use on aluminum or copper conductors. DO NOT substitute threaded 03600X lug.
- N6. Copper lug for use on COPPER CONDUCTOR ONLY. DO NOT substitute threaded 03602X lug.
- N7. Available with the stud factory-assembled by adding "SP" to the Cat. No. 675ETP, K675ETP and 775ETP are available as -SP only. The stud is not field removable.
- N8. Available with a loose stud by adding suffix "S" to the Cat. No.
- N9. 600SW spanner wrench is recommended for installation of K650CP connecting plug, deadbreak reducing tap plugs and reducing tap wells.
- N10. Use 600ATM Assembly Tool.
- N11. 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. No.
- N12. See page A17 for Window-Op Connector Kit.
- N13. Superseded by K651CP.
- N14. 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.
- N15. With stainless steel bracket.
- N16. Replacement Elbow includes an I-Adapter, and Straight Receptacle, resulting in a net gain of 20 in.

WX Size Tables

Table W1 USE FOR FOLLOWING PRODUCTS 151SP/SR 151LS/LY 165/166LR 165/166LRJS	Cable Insulation Diameter (in.)		Symbol for W
	Min.	Max.	
	0.575	0.740	A
	0.635	0.905	B
	0.805	1.060	C
	0.890	1.220	D

Table W2 USE FOR FOLLOWING PRODUCTS 273RLR 274RLR	Cable Insulation Diameter (in.)		Symbol for W
	Min.	Max.	
	0.760	0.950	G
	0.850	1.050	H
	0.980	1.180	J
	1.090	1.310	K

Table W3 USE FOR FOLLOWING PRODUCTS 375RLR 376RLR	Cable Insulation Diameter (in.)		Symbol for W
	Min.	Max.	
	0.850	1.050	H
	0.980	1.180	J
	1.090	1.310	K
	1.235	1.465	L

Table W4 USE FOR FOLLOWING PRODUCTS 156LR 167/168RLR 167LRT	Cable Insulation Diameter (in.)		Symbol for W
	Min.	Max.	
	0.640	0.820	F
	0.760	0.950	G
	0.850	1.050	H
	0.980	1.180	J
	1.090	1.310	K

Table W5 USE FOR FOLLOWING PRODUCTS 167/168ELR 273/274ELR	Cable Insulation Diameter (in.)		Symbol for W
	Min.	Max.	
	0.665	0.895	6689
	0.740	0.950	7495
	0.880	1.100	88110
	1.090	1.310	K

Table W6 USE FOR FOLLOWING PRODUCTS 10EP 152EA 160CA* (*EB-FA Only)	Cable Insulation Diameter (in.)		Symbol for W
	Min.	Max.	
	0.495	0.585	EB
	0.525	0.635	EF
	0.575	0.685	FA
	0.625	0.735	FAB
	0.675	0.785	FB
	0.725	0.835	FG
	0.775	0.885	GA
	0.825	0.935	GAB
	0.875	0.985	GB

Table W7 USE FOR FOLLOWING PRODUCTS K656I/CY/CH K655/656LR K655/656SR 655/656LINK K655/656LINK 655/656ETP K655/656ETP 655/656RTP K655/656L RTP 655/656BI-LINK K655/656BI-LINK 655CA/CK/TCK	Cable Insulation Diameter (in.)		Symbol for W
	Min.	Max.	
	0.640	0.820	F
	0.760	0.950	G
	0.850	1.050	H
	0.980	1.180	J
	1.090	1.310	K
	1.180	1.465	L
	1.280	1.430	LM
	1.370	1.630	M
	1.515	1.780	N
	1.725	1.935	P

Table W8 USE FOR FOLLOWING PRODUCTS 15PCJ-1 15PCJ-2	Cable Insulation Diameter (in.)		Symbol for W
	Min.	Max.	
	0.640	0.820	F
	0.760	0.950	G
	0.850	1.050	H
	0.980	1.180	J
	1.090	1.310	K
	1.180	1.465	L
	1.280	1.430	LM
	1.370	1.630	M
	1.515	1.780	N
	1.725	1.935	P
	1.900	2.120	Q

Table W9 USE FOR FOLLOWING PRODUCTS 25PCJ-1 25PCJ-2 755/756LR 755/756LINK 755/756ETP 755/756L RTP 755/756BI-LINK 755CA/CK/TCK	Cable Insulation Diameter (in.)		Symbol for W
	Min.	Max.	
	0.760	.950	G
	0.850	1.050	H
	0.980	1.180	J
	1.090	1.310	K
	1.180	1.465	L
	1.280	1.430	LM
	1.370	1.630	M
	1.515	1.780	N
	1.725	1.935	P
	1.900	2.120	Q

Please see page A28 for Table W13 and page A31 for Tables W14 and W15.

WX Size Tables

Table X3A USE FOR FOLLOWING PRODUCTS 35MTG 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 16THGS 16CAS	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 655/656LRTP K655/656LRTP 755/756LRTP K656I/Y/H K655/656LR 755/756LR K655/656SR 655/656LINK K655/656LINK 755/756LINK 655/656ETP K655/656ETP 755/756ETP 655/656BI-LINK K655/656BI-LINK 755BI-LINK 655CK 755CK 655TCK 03600 03602 03700 03702	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 15PCJ1 25PCJ1 35PCJ1 15PCJ2 25PCJ2 35PCJ2	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 16THG 16TCA	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 PCT1 PCT2 01000 01010	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