

Issue Date: 10/25/2012

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File: PSS-755LR-W0X-DRG

35kV	600/200A Stick-Op Loadbreak Connector Kit	w/ Test Point	755LRTP-W0X-DRG
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Features:

- 35kV, 600/200 Amp Rated Loadbreak
- 35 KV Reducing tap Plug.
- Includes hex-broach for torque installation.
- Peroxide-cured insulation and jacket.
- All copper current path.
- Constructed of EPDM molded rubber.

755LRTP-WOX -DRG

STICK-OP Connector Kit

Applications:

The Elastimold 755LRTP-WOX -DRG Loadbreak connector kit is constructed of EPDM molded rubber. The kit mates with a 600 Amp elbow interface and provides a 200 Amp load break tap, an access hole thru the bore of the reducing tap plug allows use of a 600AT operating tool to bolt and secure the component to a mating 600 Amp elbow and apparatus bushing.

Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision
 35kV Voltage Class
 21.1kV Max Phase-to-Ground – Operating Voltage
 36.6kV Max Phase-to-Phase
 150kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
 50kV AC – One minute withstand
 103kV DC – 15 minutes withstand
 26kV AC – Corona Extinction @ 3pC sensitivity
 600 Amp – Continuous
 25kA Sym – 10 Cycles Momentary

35kV	600/200A Stick-Op Loadbreak Connector Kit	w/o Test Point	755LRTP-W0X-DRG
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Ordering Instructions:

Step 1 (W)

Determine the insulation diameter of the cable.

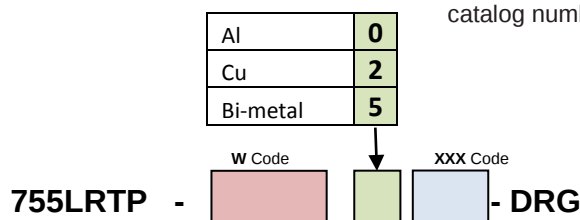
Select the insulation letter code that best straddles the insulation diameter from W table below. Insert code into catalog number.

Step 2

Choose the proper connector material type and insert it into the catalog number

Step 3 (X)

Choose the proper compression lug code according to the conductor size from the Conductor Code Table. Insert code into catalog number.



Example:

The ordering number for a 600 Amp Stick OP Connector for a 4/0 stranded, 345 mil wall cable with an insulation diameter of .770" to .840" is 755LRTP-G2270-DRG.

Cable Insulation Diameter in inches		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
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

X Code	AWG or kcmil		mm2	Connector Only		
	Strand./ Compr.	Solid/ Compact	Compact	Universal Aluminum	Copper	Bi-metal
210	-	2	-	03700210	03702210	03705210
220	2	1	35	03700220	03702220	03705220
230	1	1/0	50	03700230	03702230	03705230
240	1/0	2/0		03700240	03702240	03705240
250	2/0	3/0	70	03700250	03702250	03705250
260	3/0	4/0	95	03700260	03702260	03705260
270	4/0	250	125	03700270	03702270	03705270
280	250	300	-	03700280	03702280	03705280
290	300	350	150	03700290	03702290	03705290
300	350	400	185	03700300	03702300	03705300
310	400	450	240	03700310	03702310	03705310
320	450	500/550	-	03700320	03702320	03705320
330	500	600	250/300	03700330	03702330	03705330
350	600	700	-	03700350	03702350	03705350
360	650	750	400	03700360	03702360	03705360
380	700/750	900	-	03700380	03702380	03705380
390	800	-	-	03700390	03702390	03705390
400	900	1000	500	03700400	03702400	03705400
410	1000	-	-	03700410	03702410	03705410
420	-	1250	-	03700420	03702420	03705420
440	1250	-	-	03700440	03702440	03705440

NOTE. When the arrangement is made in Cables with Copper conductor and Copper connector. Please include the suffix "SP" after 755LRTP to have: **755LRTPSP-W2-X**