

Issue Date: 02/21/2014
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 File: PSS_755L3-W5X-SG3

35 kV	3-Way L-Kit w/ Sealing & Grounding	600A	755L3-W5X-SG3
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Note: See page 3 for ordering instructions.

755L3-W5X-SG3 3-Way L-Kit w/ Sealing & Grounding

Applications:

The 755L3 elbow kit is comprised of three 755BLR elbow connectors, two 750BIP basic insulating plugs, and two 750CP connecting plugs. It is used to split one line into two on in, out, tap, and using the two insulating plugs as test points allows for capacitive voltage testing.

Ratings:

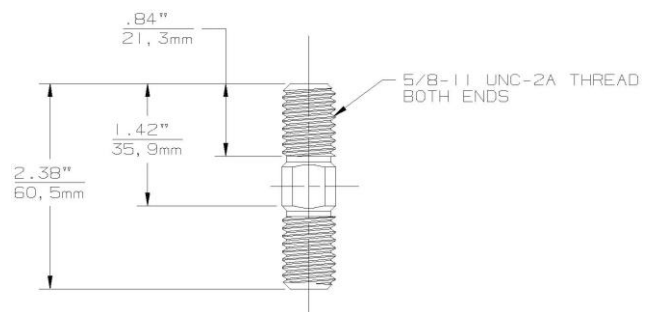
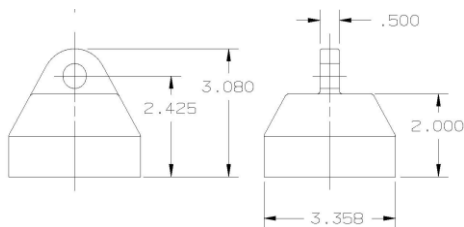
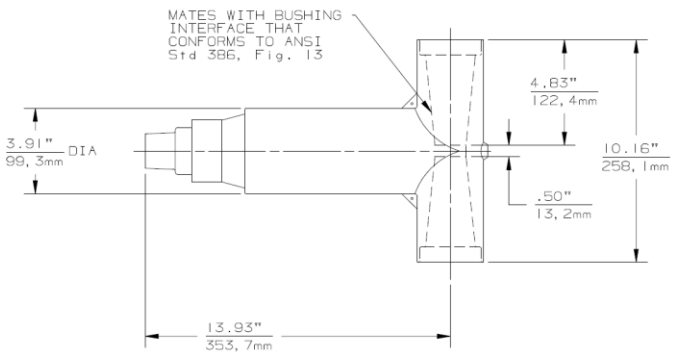
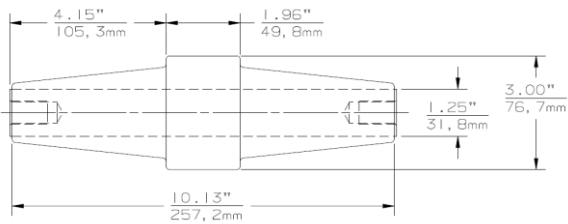
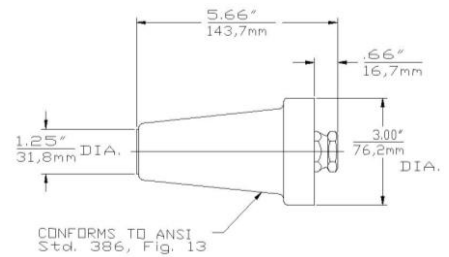
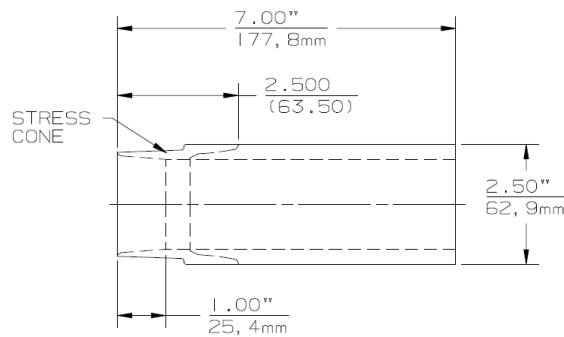
Meets ANSI/IEEE Standard 386, Latest Revision

For 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

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SIZE	INSULATION DIAMETER RANGE
G	19.30-24.13 .760-.950
H	21.59-26.67 .850-1.050
J	24.89-29.97 .980-1.180
K	27.69-33.27 1.090-1.310
L	29.97-37.21 1.180-1.465
M	34.80-41.40 1.370-1.630
N	38.48-45.21 1.515-1.780
P	43.82-49.15 1.725-1.935
Q	48.26-53.85 1.900-2.120
R	53.72-56.77 2.115-2.235
PQ	46.90-49.90 1.845-1.965



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CATALOG NUMBER SELECTION

Step 1 (W)

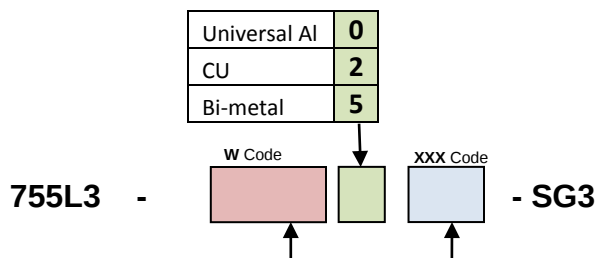
Determine the insulation diameter of the cable.
Select the insulation letter code that best straddles the insulation diameter from W table below. Insert code into catalog number.

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.



Cable Insulation Diameter in inches		Cable Insulation Diameter in millimeters		Symbol for W
MIN.	MAX.	MIN.	MAX.	
0.760	0.950	19.304	24.130	G
0.850	1.050	21.590	26.670	H
0.980	1.180	24.892	29.972	J
1.090	1.310	27.686	33.274	K
1.180	1.465	29.972	37.211	L
1.280	1.430	32.512	36.322	LM
1.370	1.630	34.798	41.402	M
1.515	1.780	38.481	45.212	N
1.725	1.935	43.815	49.149	P
1.900	2.120	48.260	53.848	Q

X Code	AWG or kcmil		mm2
	Stranded/ Compr.	Solid/ Compact	Compact
210	-	2	-
220	2	1	35
230	1	1/0	50
240	1/0	2/0	-
250	2/0	3/0	70
260	3/0	4/0	95
270	4/0	250	125
280	250	300	-
290	300	350	150
300	350	400	185
310	400	450	240
320	450	500/550	-
330	500	600	250/300
350	600	700	-
360	650	750	400
380	700/750	900	-
390	800	-	-
400	900	1000	500
410	1000	-	-
420	-	1250	-
440	1250	-	-

Each kit contains the following:

3	600 Series Elbow Housing	755BLR
2	Connecting Plug	750CP
2	Basic Insulating Plug	750BIP
3	Cable Size Adapter	755CA-W
3	Bi-Metallic Spade Connector	04601X
3	Threaded Stud	750SA
3	Cold Shrink Tube	600ECS
3	Conductive Copper Tape	200-28-1
3	Flat Copper Braid	200-27-2
3	Spring Coil	200-30-2
3	Mastic(Butyl Auto Tape)	350-37-3
5	Silicone Lubricant	82-08
1	Instruction Sheet	IS-0460
1	Instruction Sheet	IS-0244
1	Crimp Chart	CC-0021

Ordering Instructions:

To order 3-Way L-Kit w/ Sealing & Grounding for Copper Tape Shield Cable, specify **755L3-W5X-SG3**.

To order 3-Way L-Kit w/ Sealing & Grounding for Concentric Neutral Cable, specify **755L3-W5X-S**.
The kit will not include the Copper Tapes, Copper Braids, and Spring Coils.