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File: PSS-K655VSL2-W0X

15/25kV	600A Deadbreak 2-Way Vault Stretcher Kit	w/o Test Point	K655VSL2-W0X
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Features:

- Fully rated 15/25kV, 600 Amp Deadbreak Vault Stretcher
- Fully shielded, fully submersible molded rubber housing
- 100% peroxide-cured construction includes insulation and conductive EPDM materials
- Can be easily connected or disconnected using standard hand tools and equipment in a de-energized state
- Optional accessories allow visible external separation, by-pass, isolation, dead-ending, grounding, and testing as well as adding taps, surge arrestors, and fault current indicators

K655VSL2 2-Way Vault Stretcher Kit

Applications:

The K655VSL2 vault stretcher housing is a component of the Vault Stretcher product line. The K655VSL2 can be mated with the following components:

- K651CP
- K650BIP
- K650RTP
- K650RTW
- K650S1
- K650T1
- K650JX
- K650ETP

Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision

For 15/25kV Voltage Class:

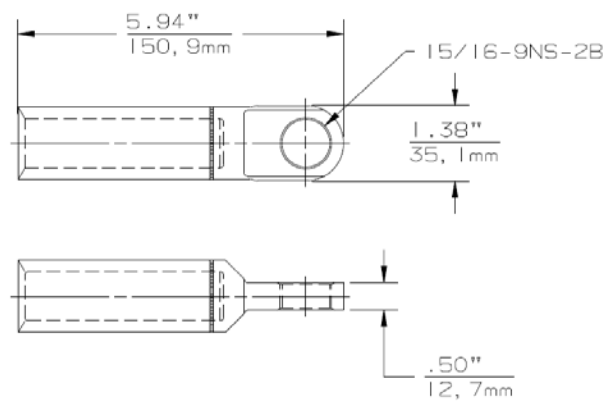
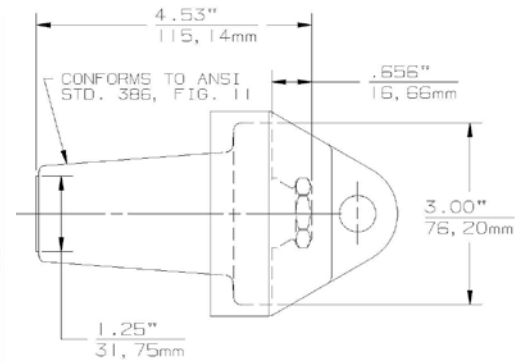
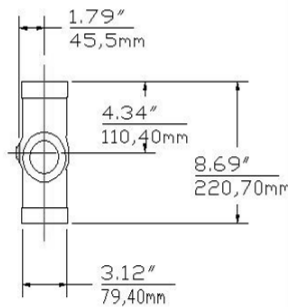
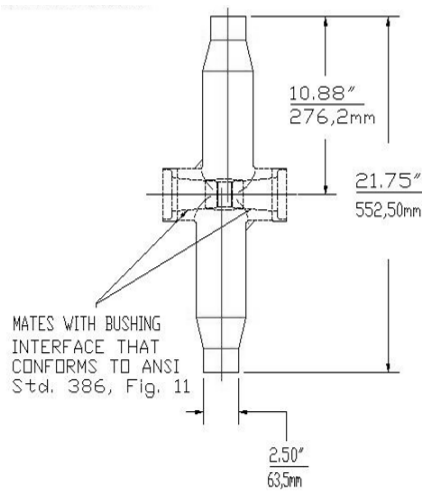
16.2kV Max Phase-to-Ground – Operating Voltage
28kV Max Phase-to-Phase
140kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
45kV AC – One minute withstand
84kV DC – 15 minutes withstand
21.5kV AC – Corona Extinction @ 3pC sensitivity
600 Amp – Continuous
25kA Sym – 10 Cycles Momentary

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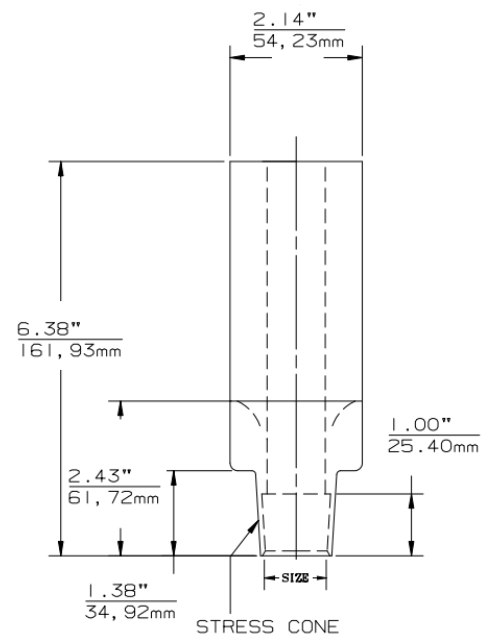
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SIZE	INSULATION DIAMETER RANGE
F	16,26-20,83 .640-.820
G	19,30-24,13 .760-.950
H	21,59-26,67 .850-1,050
J	24,89-29,97 .980-1,180
K	27,69-33,27 1,090-1,310
L	29,97-37,21 1,180-1,465
M	34,80-41,40 1,370-1,630
N	38,48-45,21 1,515-1,780
LM	32,51-36,32 1,280-1,430
E	13,46-17,27 .530-.680
D	10,5-17,0 .420-.660



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Example:

The ordering number for a 600 Amp 2-Way Vault Stretcher kit for a 4/0 compacted, 175 mil wall cable with an insulation diameter of .830" to .910" and test point is K655BVS-G0270.

To add sealing and grounding kit add suffix "-S" for concentric neutral cables (i.e. K655BVS-G0270-S) and "-SG3" for copper tape shielded cables. (i.e. K655BVS-G0270-SG3)

Step 1 (W)

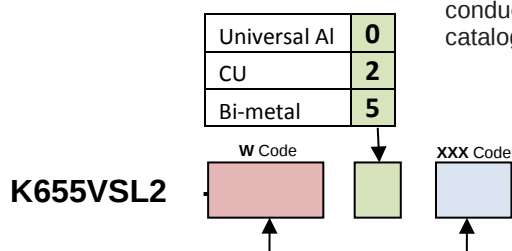
Determine the insulation diameter of the cable. Select the insulation letter code that best straddles the insulation diameter from W table below. Insert code into catalog number.

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.	
0.640	0.820	16.256	20.828	F
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

Each kit contains the following:

1	Vault Stretcher Housing	K655BVS
2	Compression lug	03700XXX
1	Stud	650VSA
2	Insulated Plug w/ Cap	K650BIP
6	Tube, lubricant	82-08
2	Cable adapter	655CA-W
1	Installation Instruction	IS-356
1	Crimp chart	CC-0050

X Code	AWG or kcmil		mm2	Connector Only		
	Strand./ Compr.	Solid/ Compact	Compact	Universal Aluminum	Copper	Bi-metal
210	-	2	-	03700210	03702210	04601210
220	2	1	35	03700220	03702220	04601220
230	1	1/0	50	03700230	03702230	04601230
240	1/0	2/0		03700240	03702240	04601240
250	2/0	3/0	70	03700250	03702250	04601250
260	3/0	4/0	95	03700260	03702260	04601260
270	4/0	250	125	03700270	03702270	04601270
280	250	300	-	03700280	03702280	04601280
290	300	350	150	03700290	03702290	04601290
300	350	400	185	03700300	03702300	04601300
310	400	450	240	03700310	03702310	04601310
320	450	500/550	-	03700320	03702320	04601320
330	500	600	250/300	03700330	03702330	04601330
350	600	700	-	03700350	03702350	04601350
360	650	750	400	03700360	03702360	03705360
380	700/750	900	-	03700380	03702380	04601380
390	800	-	-	03700390	03702390	04601390
400	900	1000	500	03700400	03702400	04601400
410	1000	-	-	03700410	03702410	04601410
420	-	1250	-	03700420	03702420	04601420
440	1250	-	-	03700440	03702440	04601440