

Issue Date: 07/30/2014
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 File: PSS_655ETP-W0X-DRG

15 kV	WINDOW-OP Connector Kit w/o Test Point	600A	655ETP-W0X-DRG
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655ETP-W0X-DRG WINDOW-OP Connector Kit w/o Test Point

Applications:

WINDOW-OP connectors allow direct testing and grounding with no required cable movement. WINDOW-OP is ideal for equipment applications which include viewing windows to provide an internal visible break that does not require hotstick removal of the elbow. WINDOW-OP connectors are bolted and installed using torque controlled tools.

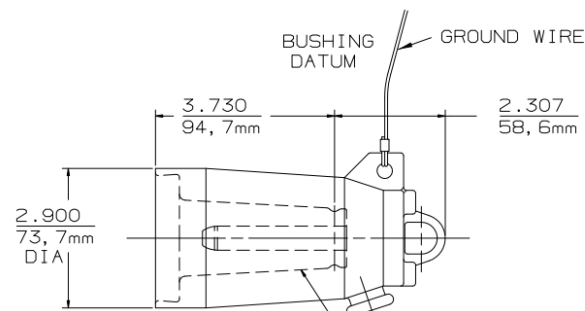
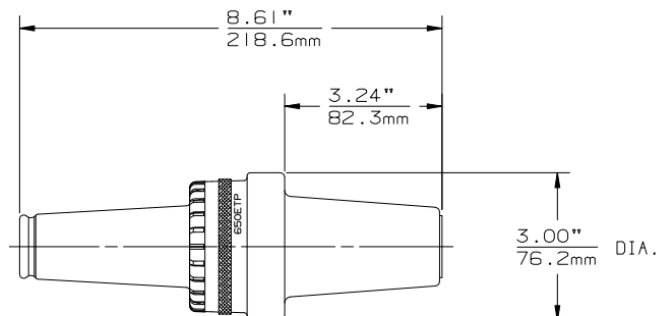
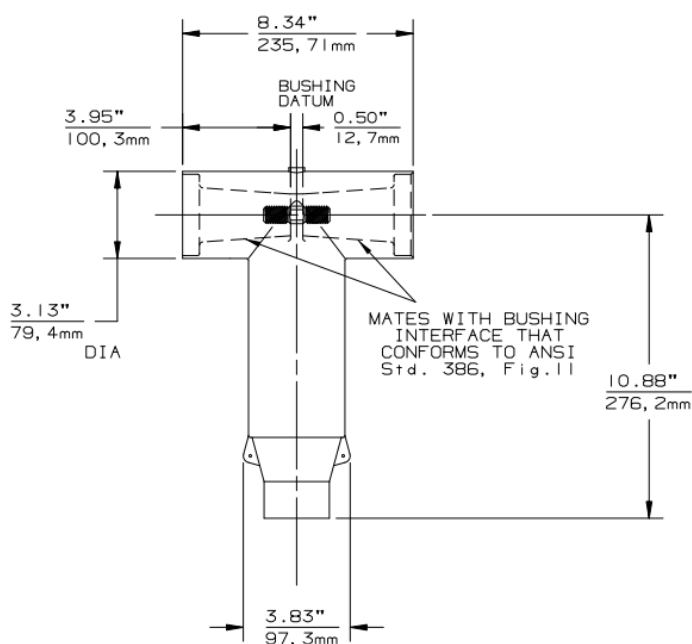
Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision

For 15kV Voltage Class:

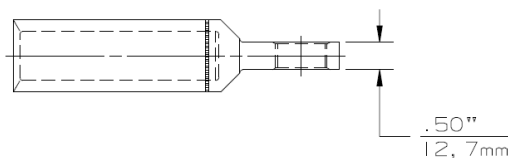
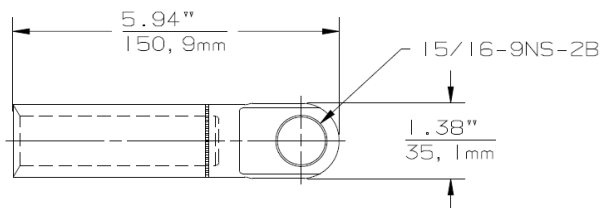
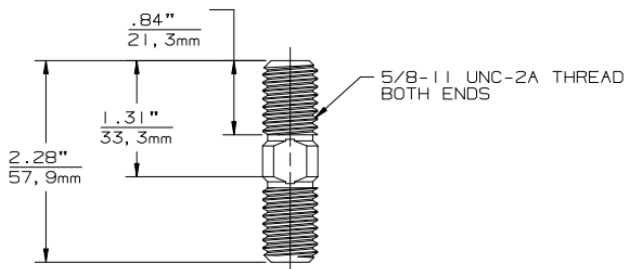
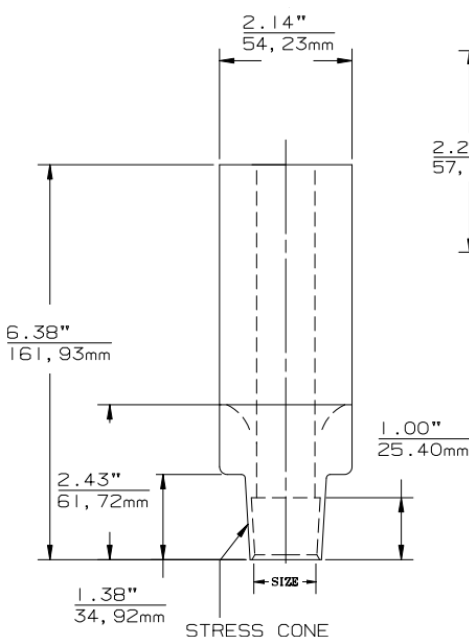
8.3kV Max Phase-to-Ground – Operating Voltage
 14.4kV Max Phase-to-Phase
 95kV BIL – Impulse Withstand (1.2 x 50
 microsecond wave)
 34kV AC – One minute withstand
 53kV DC – 15 minutes withstand
 11kV AC – Corona Extinction @ 3pC sensitivity
 600 Amp – Continuous
 25kA Sym – 10 Cycles Momentary

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MATES WITH BUSHING INTERFACES THAT CONFORM TO ANSI STD 386, FIG 5

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 WINDOW-OP Connector Kit w/o Test Point for a 4/0 compressed, 260 mil wall cable with an insulation diameter of 1.180" to 1.295" is 655ETP-K0270-DRG.

CATALOG NUMBER SELECTION

Step 1 (W)

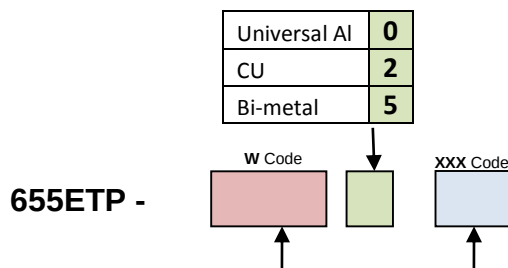
Determine the insulation diameter of the cable. Select the insulation letter code that best straddles the insulation diameter from W table below. Insert code into catalog number.

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.	
0.640	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

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
340	550	650	-	03700340	03702340	04601340
350	600	700	400	03700350	03702350	03705350
360	650	750/800	-	03700360	03702360	04601360
380	700/750	900	-	03700380	03702380	04601380
390	800	-	500	03700390	03702390	04601390
400	900	1000	-	03700410	03702410	04601410
410	1000	-	-	03700410	03702410	04601410
420	-	1250	-	03700420	03702420	04601420
440	1250	-	-	03700440	03702440	04601440

Each kit contains the following:

1	600 Series Elbow Housing	K655BLR
1	WINDOW-OP LB Elbow Tap Plug	650ETP
1	Insulated Cap	160DRG
1	Cable Size Adapter	655CA-W
1	Compression Lug	03700X
1	Stud	650SA
5	Silicone Lubricant	82-08
1	Crimp Chart	CC-0050
1	Instruction Sheet	IS-0249
1	Instruction Sheet	IS-0766
1	Instruction Sheet	IS-0892