

Issue Date: 10/29/2012

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File: PSS-655CA-W

15/25kV

600A Deadbreak Cable Size Adapter

655CA-W



Features:

- Fully rated 15/25kV, 600 Amp Deadbreak Cable Size Adapter
- Fully shielded, fully submersible molded rubber housing
- 100% peroxide-cured construction includes insulation and conductive EPDM materials

655CA Cable Size Adapter

Applications:

The 655CA cable size adapters are used to create an Interface between cable and Elastimold® accessories and provide Electrical stress relief. 655CA cable size adapters mate with the following Elastimold® products:

- K655BLR
- K655SR
- K655YSR
- K655BVS

Ratings*:

Meets ANSI/IEEE Standard 386, Latest Revision

For 15kV Voltage Class:

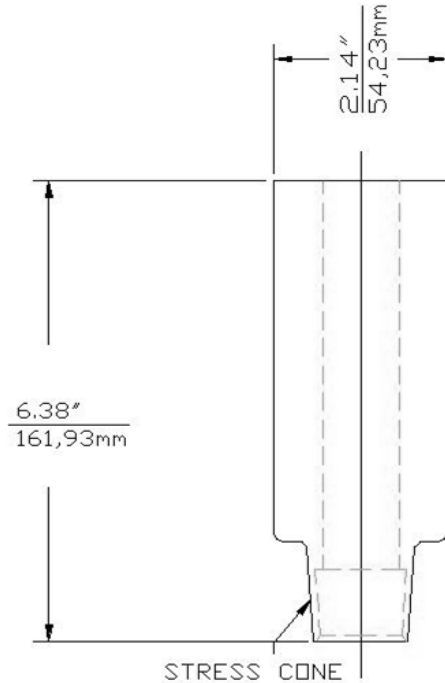
8.3kV Max Phase-to-Ground – Operating Voltage
 14.4kV Max Phase-to-Phase
 95kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
 34kV AC – One minute withstand
 53kV DC – 15 minutes withstand
 11kV AC – Corona Extinction @ 3pC sensitivity
 600 Amp – Continuous
 25kA Sym – 10 Cycles Momentary

For 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

***When assembled with proper device**

15/25kV	600A Deadbreak Cable Size Adapter	655CA-W
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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. Insert code into catalog number.

655CA - W Code

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 Cable Adapter 655CA-W

Example:

The ordering number for a 600 series cable adapter with insulation diameter of .830" is 655CA-G.