

Issue Date: 10/29/2012

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File: PSS-K655BSR

15/25kV	600A Deadbreak Straight Receptacle Housing	w/o Test Point	K655BSR
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Features:

- Fully rated 15/25kV, 600 Amp Deadbreak Receptacle
- Fully shielded, fully submersible molded rubber housing
- 100% peroxide-cured construction includes insulation and conductive EPDM materials
- Can be easily connected or disconnected in a de-energized state
- Optional accessories allow visible external separation, by-pass, isolation, dead-ending, grounding, and testing

K655BSR Straight Receptacle Housing

Applications:

The K655BSR is designed to provide a fully shielded, submersible cable connection on 15/25kV high-voltage apparatus bushings. These connectors allow a straight cable connection on switchgear or electrical apparatus equipped with 600 Amp bushings. The K655BSR product range is from #2 AWG to 1250 kcmil for aluminum and copper conductors with insulation diameters from .640 " to 1.935 ". When used on metallic tape shield or drain wire cable, an ECS ground kit/cable seal is recommended.

Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision

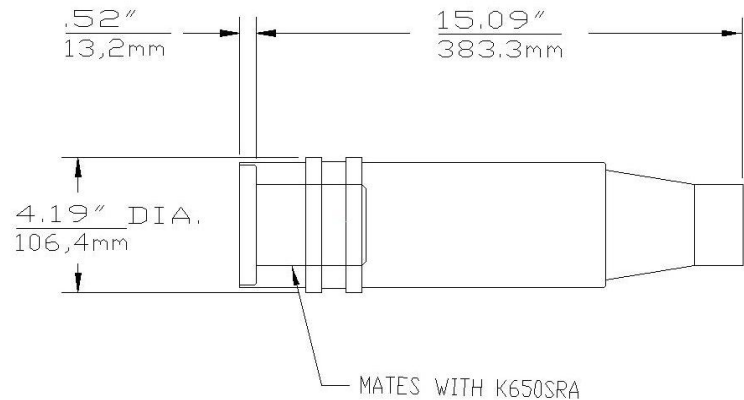
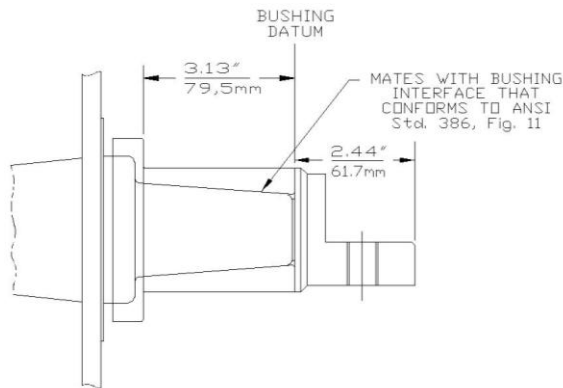
For 15kV Voltage Class:

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 28kV 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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Ordering Instructions:

To order 15/25kV, 600A straight receptacle housing, specify **K655BSR**.

Each kit contains the following:

1	Straight receptacle housing	K655BSR
1	Tube, lubricant	82-08
1	Straight receptacle adapter	K650SRA
1	Installation Instruction	IS-0316
1	Hardware Prepack	650BAW

Example:

The ordering number for a 600 Amp straight receptacle housing is K655BSR.