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File: PSS-K650S1

15/25kV	600A Deadbreak Bushing	K650-S1, K675S1
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Features:

- 25kV, 600 Amp (For 900 A use cat# K675S1)
- Conductive shield made of molded conductive EPDM makes positive ground contact with EPDM flange of bushing insert.
- Stainless steel flange resists corrosion and can be externally clamped or welded to apparatus.
- Epoxy structure with exceptionally high physical, electrical, and chemical resistance properties.
- Interface meets ANSI/IEEE 386 dimensional criteria for proper fit of mating parts.

K650-S1, K675S1

Deadbreak Bushings (For in-oil and SF6 application)

Applications:

Elastimold K650-S1/K675S1 series bushings are designed for and will universally accept Elastimold 600A Elbow or bushing extender interfaces. These are designed to be directly mounted in electrical apparatus on 600-Amp systems, through 25kV. K675S1 are used for **900 A** applications, with the same dimensions.

Typical applications would be in:

- Pad-mounted transformers
- Vault-type transformers
- Submersible transformers
- Switchgear

These bushings are available in short shank lengths at 2.938" for either cover or side-mount installations. They are molded of epoxy and have a stainless steel flange for welding or externally clamping to the apparatus. A conductive rubber shield at the mating surface with connecting devices provides a fully-shielded, cable-to-apparatus connection. Reference Applicable Elastimold welding guide. The bushing well is also available in removable stud well design "R". The K675S1 model uses an all copper threaded connection to the apparatus.

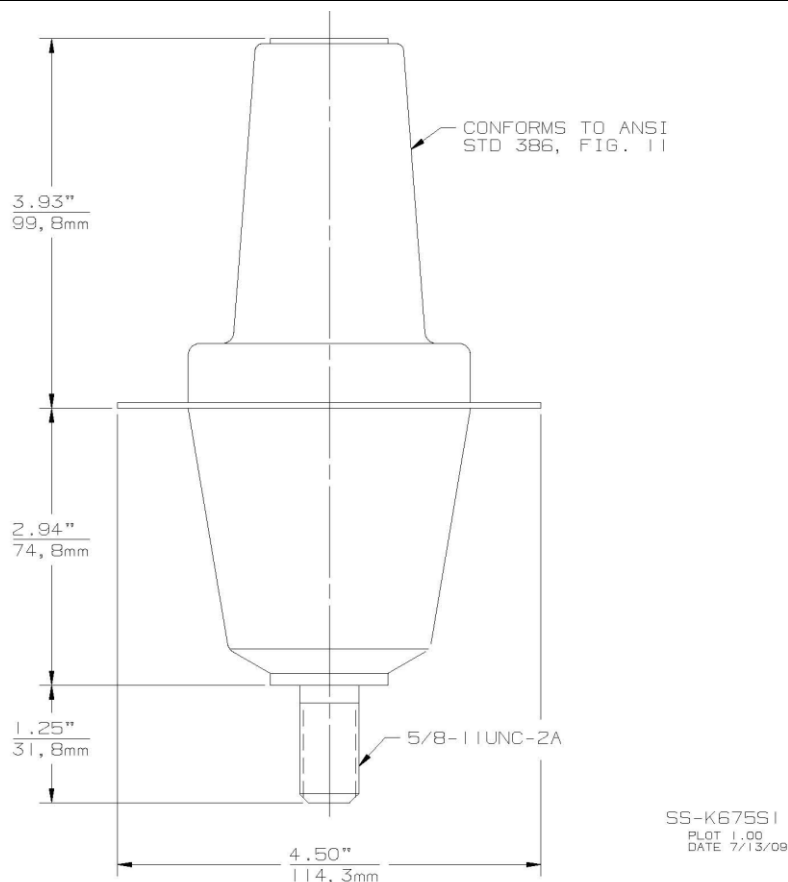
Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision
 25kV Voltage Class
 125kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
 40kV AC – One minute withstand
 19kV AC – Corona Extinction @ 3pC sensitivity
 600 Amp – Continuous
 4 Hour Overload – 900 Amps,
 12 Cycle Momentary – 25000 Amps, RMS, Asym
 3 Second Momentary – 10,000 Amps, RMS, Sym

15/25kV

600A Deadbreak Bushing

K650-S1, K675S1



Ordering Instructions

To order a bushing for in-oil application through 25kV, specify whether an aluminum or all copper connection is desired:

STYLE NUMBER	SHANK LENGTH
K650-S1	2.938"
K675S1	2.938"

Example:

The ordering number for a bushing for in-oil application with a shank length of 2.938" and aluminum stud is K650-S1.

Note: For 900 A bushing, please order with Cat # K675S1, bushing is made with Copper . Dimensions are exactly the same. When 900 A application is used, the cable conductor, must be Cu also. "T" connector must be K675LR series.

- 1 600A or 900A Deadbreak Bushing
- 1 Instruction Sheet

K650-S1 or K675S1
IS-0061