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15/25kV	600/900A Deadbreak Bushing	K650TBC, K675TBC
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Features:

- 15/25kV, 600A(K650TBC, AL), 900A(K675TBC, CU) Bushing
- 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.

K650TBC, K675TBC

Deadbreak Bushings (For in-air Application)

Applications:

Elastimold K650TBC/K675TBC series bushings are designed for, and will universally accept Elastimold 600A /900A Elbow or bushing extender interfaces. These are designed to be directly mounted in electrical apparatus on 600-Amp/900 A systems, through 25kV.

Typical applications would be in:

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

These bushings are available in short shank lengths at 8.563" 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 K675TBC is a combination of the K650T1 bushing and a 600BC boot and collar. The K675TBC model uses an all copper threaded connection to the apparatus (900A)

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
 78kV DC – 15 minutes withstand
 19kV AC – Corona Extinction @ 3pC sensitivity
 600 Amp – Continuous
 8 Hour Overload – 300 Amps, RMS
 12 Cycle Momentary – 15000 Amps, RMS, Asym
 3 Second Momentary – 3500 Amps, RMS, Sym

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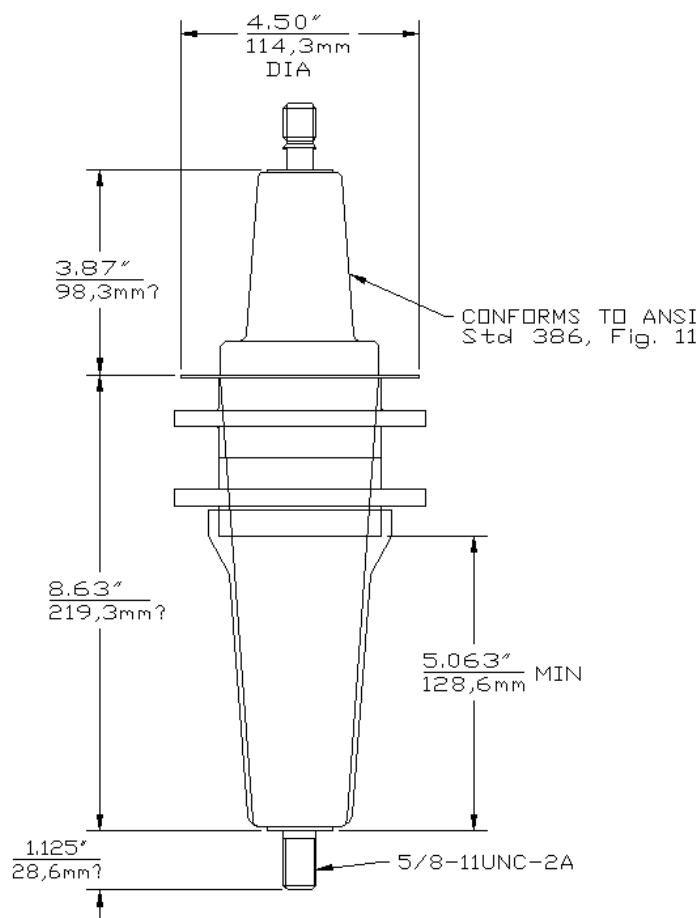
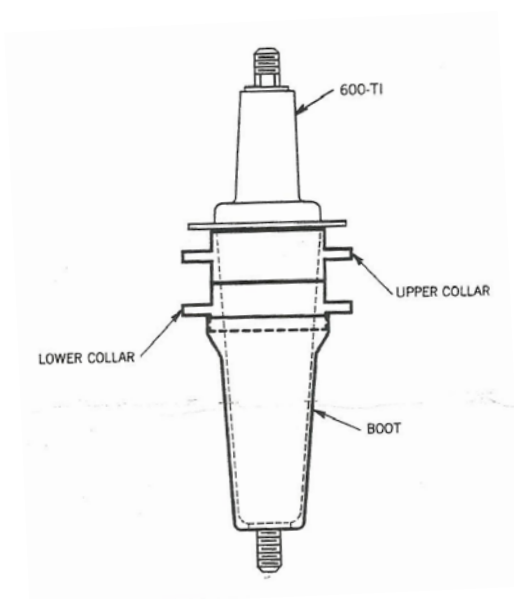
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PSS-K650TBC

15/25kV

600/900A Deadbreak Bushing

K650TBC, K675TBC



Ordering Instructions

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

STYLE NUMBER	SHANK LENGTH
K650TBC	8.563"
K675TBC	8.563"

Example:

The ordering number for a bushing for in-air application with a shank length of 8.563" and aluminum stud is **K650TBC**.

Note. **K675TBC**, is built with Copper to meet the capability of 900 A. Any other product associated with this bushing must be copper, including the cable's conductor.