35kV	900A Deadbreak Bushing	775S1 / 775S1-200



Features:

- **35kV, 900 Amp**
- **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.**

775S1 / 775S1-200

Deadbreak Bushings
(For in-oil and SF6 application)

Applications:

Elastimold 775S1 series bushings are designed for, and will universally accept Elastimold 900A Elbow or bushing extender interfaces. These are designed to be directly mounted in electrical apparatus on LINES 900-Amp systems, 35.0kV.

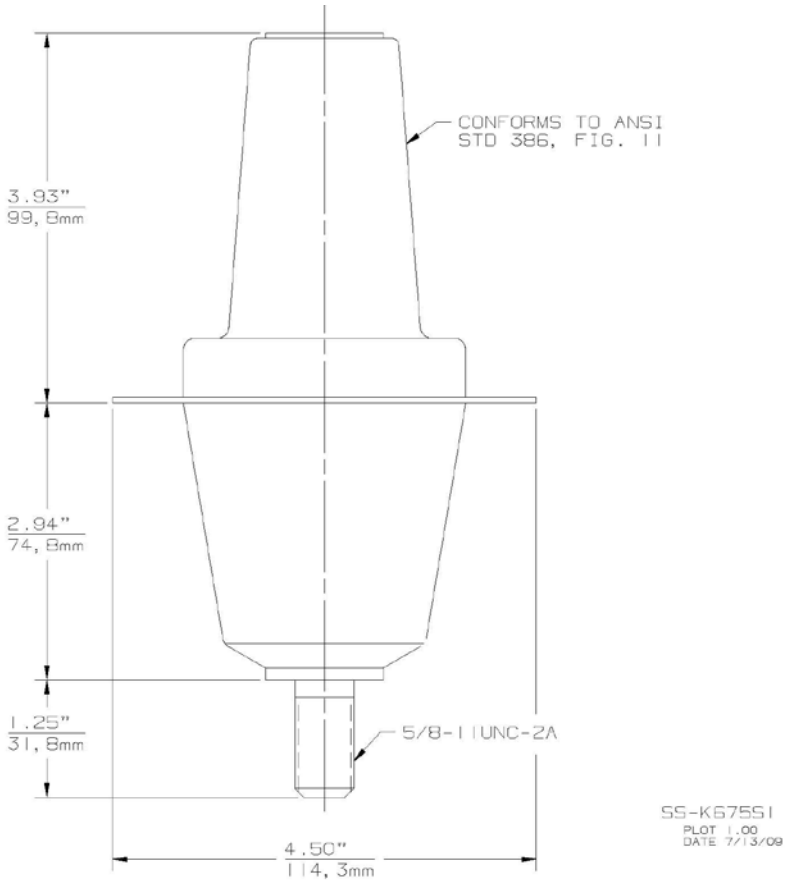
Typical applications would be in:
- Pad-mounted transformers
- Vault-type transformers
- Submersible transformers
- Switchgear

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: 0061-WI
For application where the BIL must be 200 kV; use the part # : **775S1-200**

Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision
35kV Voltage Class
150 & 200 kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
50kV AC – One minute withstand
103kV DC – 15 minutes withstand
26 kV AC – Corona Extinction @ 3pC sensitivity
600 Amp – Continuous
12 Cycle Momentary – 15000 Amps, RMS, Asym
3 Second Momentary – 3500 Amps, RMS, Sym

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Ordering Instructions

To order a bushing for in-oil application through 35kV, specify whether an aluminum or all copper connection is desired:

STYLE NUMBER	SHANK LENGTH
775S1	2.938"

Example:
The ordering number for a bushing for in-oil application; 900a with a shank length of 2.938''; Copper Cu): **775S1.** For applications that requires 200 kV BIL, use cat # **775S1-200**