



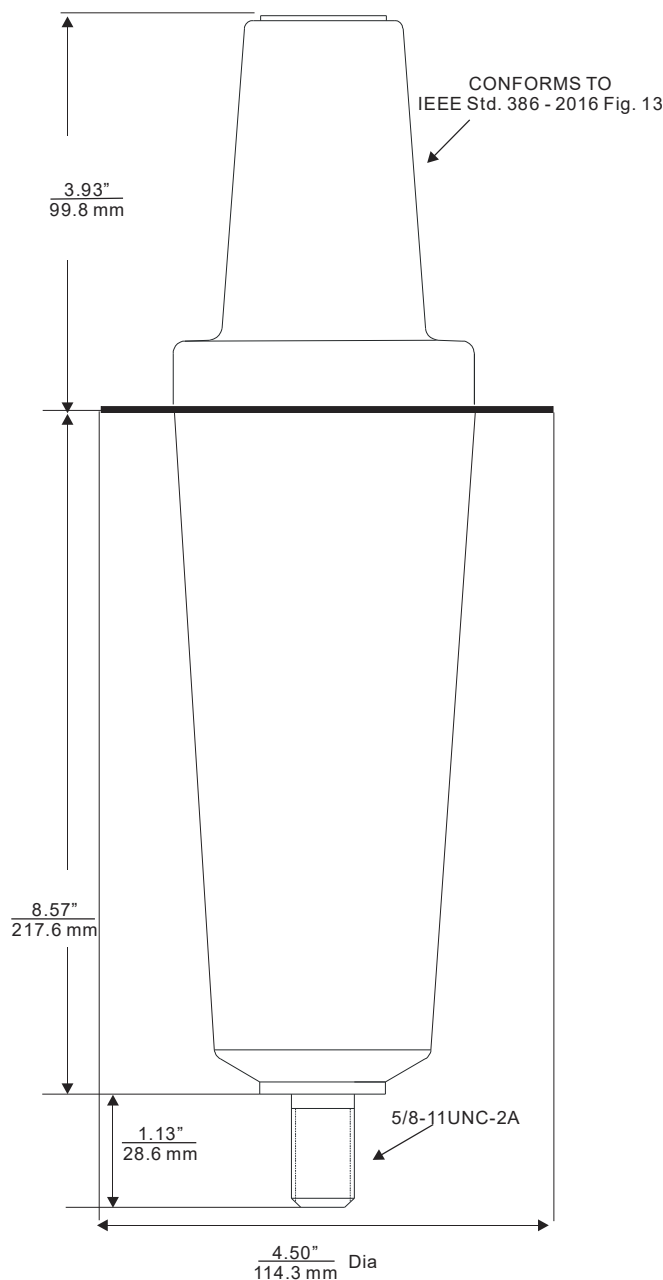
SPECIFICATION SHEET

Description

15/25/28kV Class 600A Bushing

Product Series

TDBAL



Application:

CableMate TDBAL bushings are designed for the termination of primary winding leads of oil-filled and SF6 insulated apparatus including single and three-phase pad-mounted transformers, vault-type transformers, submersible transformers and switchgear rated up to 28kV at 600 amps and will universally accept all 15/25/28kV, 600 amp premolded connectors conforming to IEEE 386-2016 Std. Figure 13.

Design:

CableMate TDBAL bushings have a shank length of 8.57" (217.6 mm) for top-mount installations. They are molded of epoxy with a stainless-steel flange for welding to the apparatus. A conductive rubber shield at the mating surface with connecting devices provides a fully-shielded, cable-to-apparatus connection.

Ratings	
Description	Rating
Standard Voltage Class	15/25/28 kV
Maximum Continuous Voltage Phase-to-Phase	28 kV
Maximum Continuous Voltage Phase-to-Ground	16.2 kV
BIL and Full Wave Crest (1.2 x 50 μ s wave)	140 kV
60Hz AC One Minute Withstand (rms)	60 kV
DC 15 Minute Withstand	78 kV
AC Corona Extinction @ 5p.C.sensitivity	21.5 kV
Continuous Current (rms)	600 A
Short Time Current Rating at 0.17s (rms) symm	25 kA