

ETC DB-24/250 Deadbreak Bushing Insert

Up to 24kV 200 Amp class



ETC DBI-24/250

General:

The ETC DBI-24/250 Deadbreak Bushing Insert threads into a universal bushing well to provide the same function as a one piece bushing. Bushing inserts and elbow connectors comprise the essential components of all deadbreak connections. When mated with a comparably rated product, the bushing insert provides a fully shielded and submersible connection for deadbreak operation.

The Deadbreak Bushing Insert is molded using high quality peroxide-cured EPDM insulation and widely used in the 250A plug-intermination of the padmounted transformers, submersible transformers and switching cabinets.

No special tools are necessary. The insert can be installed by hand. An internal hexbroach allows for positive torque controlled installation. Using the optional installation torque tool the bushing insert can be properly tightened into the bushing well.

Electrical Characteristics:

Voltage Ratings and Characteristics	
Description	kV
Standard Voltage Class	24
Maximum Rating Phase-to-ground	12
AC50 Hz 1Minute Withstand	54
DC 15 Minute Withstand	48
BIL and Full Wave Crest	125
20kV Partial Discharge	? 10pc
Current Ratings and Characteristics	
Description	Amperes
Continuous	250A
Short Time	10,000 Arms symmetrical for 0.2s3, 500 Arms symmetrical for 3.0s
Electrical characteristics are in accordance with or exceed DIN47636 and IEC60502.4-1997s standards.	

DIMENSIONS (mm)

