

SDC™ Composite Bushing - 72.5KV

By Electro Composites
Catalog # [325-008-T-937-00](#)

SDC™ 72.5kV-800DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per GB/T, Drawlead Connected for Air-to-Oil Applications, 2.0" Min.Oil Immersion Level/CT Pocket, 96.6" Min. Creepage Length



*Representative Image

Features

- SDC™ - Solid Dielectric Capacitance Graded Composite Construction
- EC-APG-02 Cycloaliphatic Epoxy Compound for Optimal Performance
- No oil, paper or porcelain
- Can be mounted vertically or horizontally
- Meets GB/T 4109 Electrical and Mechanical Requirements

Application

Transformer

General

Bottom Terminal Type	None
Catalog Number	325-008-T-937-00
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	APG-02 - Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	M38X1.5
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	37.75 in
Below Flange Length	15 in
Diameter - Above Flange Maximum	11.13 in
Diameter - Below Flange Maximum D <gt; 1"	5.02 in
Diameter - Below Flange Maximum P	5.02 in
Diameter - Conductor Outside Under Insulation	1.75 in
Diameter - Live Part Bottom	1.75 in

Diameter - Live Part Top	4.00 in
Diameter - Rod / Tube	1.75/1.50 in
Dimensions	52.75 in x 10.62 in x 10.62 in
Effective Length - Bottom Terminal	0.00 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	9.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	10.62 in
Height	10.62 in
Length	52.75 in
Length - Drawlead Above Flange	33.00 in
Length - Ground Shield	2.00 in
Length - Insulated Section	45.4 in
Length - Insulation Above Flange	27.80 in
Length - Insulation Below Flange	14.40 in
Length - Live Part Bottom	0.60 in
Length - Live Part Top	6.80 in
Length - Minimum Oil Immersion Level	LOWER END TO BE FULLY IMMERSED
Sealing Surface Inside Diameter	5.11 in
Sealing Surface Outside Diameter	8.37 in
Stud Inside Diameter	1.5 in
Thickness	1.635 in
Thread Size - Drawlead Connector	1 1/4-12
Top Terminal Min. Thread Length	2.5 in
Weight	106 lb
Width	10.62 in

Electrical Ratings

BIL	325 kV
Current Rating	800 A
Minimum Creepage	96.6 in
Minimum Creepage - Inside	NA
Minimum Strike	31.6 in
Minimum Strike - Inside	NA
Withstand Voltage - 60 Hz Dry	155 kV

kV Class	72.5 kV	Literature - TRAVERSÉE SDC™ ÉLECTRO COMPOSITES DE TYPE GSU
Certifications And Compliance		Literature - SDC™ GSU Bushings - Electro Composites
Industry Standard(s)	GB/T 4109	Literature - TRAVERSÉE SDC™ ÉLECTRO COMPOSITES POUR GÉNÉRATEUR
Product Assets		Literature - Apparatus Bushings Selection Guide
Catalogs - Electro Composites SDC™ composite bushings		Literature - ÉLECTRO COMPOSITES TRAVERSÉE HAUTE TENSION SDC™
Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites		Literature - SDC™ HV Bushings - Electro Composites
Literature - SDC™ HV Generator Bushings - Electro Composites		Sales Drawings - SDC Bushing 72.5kV, 800A Model: 325-008-T-937-00
Literature - How an SDC Bushing Test Tap is Constructed		Specifications - 325-008-T-937-00
		Video - ElectroComposites Factory Tour: St. Jerome



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