

## SDC™ Composite Bushing - 72.5KV

By Electro Composites  
Catalog # 325-008-T-907-00

SDC™ 72.5kV-800DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per GB/T, Drawlead Connected for Air-to-Oil Applications, 21.0" 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
- Meets GB/T 4109 Electrical and Mechanical Requirements
- Can be mounted vertically or horizontally

### Application

Transformer

### General

Bottom Terminal Type	None
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	Condenser Bushings

### Dimensions

Above Flange Length	37.8 in
Below Flange Length	34.50 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 - Live Part Bottom	1.75 in
Diameter - Live Part Top	4.00 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	10.63 in
Length	72.30 in
Length - Drawlead Above Flange	33.00 in
Length - Ground Shield	21.00 in
Length - Insulation Above Flange	27.60 in
Length - Insulation Below Flange	34.00 in
Length - Live Part Bottom	0.50 in
Length - Live Part Top	6.80 in
Length - Minimum Oil Immersion Level	21.00 in
Sealing Surface Inside Diameter	5.11 in
Sealing Surface Outside Diameter	8.37 in
Stud Inside Diameter	1.50 in
Thread Size - Drawlead Connector	1 1/4-12
Top Terminal Min. Thread Length	2.50 in
Weight	130 lb

### 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

## Certifications and Compliance

Industry Standard(s) GB/T 4109

## Product Assets

[Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites](#)  
[Literature - Apparatus Bushings Selection Guide \(TD02026E\)](#)  
[Literature - SDC™ GSU Bushings - Electro Composites \(SF02018E\)](#)  
[Literature - SDC™ HV Generator Bushings - Electro Composites \(SF02019E\)](#)  
[Literature - SDC™ HV Bushings - Electro Composites \(SF02017E\)](#)  
[Literature - EC SDC Solid Dielectric Bushings v3](#)  
[Literature - FRENCH V2 - EC Generation Bushings](#)  
[Literature - FRENCH V2 - EC GSU Bushings](#)  
[Literature - How an SDC Bushing Test Tap is Constructed](#)  
[Sales Drawings - SDC Bushing 72.5kV, 800A Model: 325-008-T-907-00 \(S-6229-8742\)](#)  
[Video - ElectroComposites Factory Tour: St. Jerome \(V100124E\)](#)



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