

HUBBELL

Power Systems

SDC™ Composite Bushing - 52KV

By Electro Composites
 Catalog # [250-004-T-887-01](#)

SDC™ 52kV-400DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Drawlead Connected for Air-to-Oil Applications, 10.0" Min.Oil Immersion Level/CT Pocket, 44.9" 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 IEC 60137 Electrical and Mechanical Requirements

General

Application	Transformer
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	4
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Tin
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	31.37 in
Below Flange Length	20.5 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D > 1"	3.74 in
Diameter - Below Flange Maximum P	3.87 in
Diameter - Live Part Bottom	1.25 in
Diameter - Live Part Top	3.00 in
Dimensions	51.88 in x 9.50 in x 9.50 in
Effective Length - Bottom Terminal	0.00 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	8.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	9.5 in
Height	9.5 in
Length	51.88 in
Length - Drawlead Above Flange	26.50 in
Length - Ground Shield	10.00 in
Length - Insulation Above Flange	20.40 in
Length - Insulation Below Flange	19.10 in
Length - Live Part Bottom	1.40 in
Length - Live Part Top	7.10 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	7.37 in
Stud Inside Diameter	1 in
Thread Size - Drawlead Connector	3/4-10
Top Terminal Min. Thread Length	4 in
Weight	55 lb
Width	9.5 in

Electrical Ratings

BIL	250 kV
Current Rating	400 A
Minimum Creepage	44.9 in
Minimum Creepage - Inside	NA
Minimum Strike	22.6 in
Minimum Strike - Inside	NA
Withstand Voltage - 60 Hz Dry	105 kV
kV Class	52 kV

Certifications And Compliance

Industry Standard(s)	IEC 60137
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Product Assets

- [Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites](#)
- [Literature - SDC™ HV Bushings - Electro Composites](#)
- [Sales Drawings - Traversée SDC 52kV, 400A Modèle: 250-004-T-887-01](#)
- [Video - ElectroComposites Factory Tour: St. Jerome](#)



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