

HUBBELL

Power Systems

SDC™ Composite Bushing - 25KV

By Electro Composites
 Catalog # [150-040-W-919-00](#)

SDC™ 25kV-4000A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 12.0" Ground Shield Length, 27.2" 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 IEEE C57.19.01 Electrical and Mechanical Requirements

General

Application	Wall/Floor
Bottom Terminal Type	3-12
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Air
Material - Flange	Epoxy
Material - Insulation	APG-02 - Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	Silver
Test Tap	No
Top Terminal Plating	Silver
Top Terminal Type	3-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	17.75 in
Below Flange Length	27.5 in
Diameter - Above Flange Maximum	10.13 in
Diameter - Below Flange Maximum D <gt;/> 1"	5.51 in
Diameter - Below Flange Maximum P	5.51 in
Diameter - Live Part Bottom	3.00 in
Diameter - Live Part Top	4.50 in
Dimensions	45.25 in x 10.00 in x 10.00 in
Effective Length - Bottom Terminal	4.50 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	7.5 in
Flange Mounting Hole Diameter	1/2-13
Flange Outside Diameter	10 in
Height	10 in
Length	45.25 in
Length - Drawlead Above Flange	NA
Length - Ground Shield	12.00 in
Length - Insulation Above Flange	12.10 in
Length - Insulation Below Flange	22.00 in
Length - Live Part Bottom	5.50 in
Length - Live Part Top	5.50 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	6.15 in
Sealing Surface Outside Diameter	8.5 in
Top Terminal Min. Thread Length	4 in
Weight	150 lb
Width	10 in

Electrical Ratings

BIL	150 kV
Current Rating	4000 A
Minimum Creepage	27.2 in
Minimum Creepage - Inside	15.7 in
Minimum Strike	14.3 in
Minimum Strike - Inside	10.6 in
Withstand Voltage - 60 Hz Dry	60 kV
kV Class	25 kV

Certifications And Compliance

Industry Standard(s) IEEE C57.19.01

Product Assets

[Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites](#)
[Literature - SDC™ HV Bushings - Electro Composites](#)
[Sales Drawings - SDC Bushing 25kV, 4000A Model: 150-040-W-919-00](#)
[Video - ElectroComposites Factory Tour: St. Jerome](#)



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