

HUBBELL

Power Systems

SDC™ Composite Bushing - 15kV

By Electro Composites
 Catalog # [110-020-W-575-03](#)

SDC™ 15kV-2000 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 1.5" Ground Shield Length, 19.4" 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	1 3/4-12
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Air
Material - Flange	Aluminum
Material - Insulation	APG-02 - Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Flange Mounting Holes	4
Plating - Bottom Terminal	Silver
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	1 3/4-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	14 in
Below Flange Length	14.38 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D > 1"	4.49 in
Diameter - Below Flange Maximum P	4.49 in
Diameter - Live Part Bottom	1.75 in
Diameter - Live Part Top	3.25 in
Dimensions	28.38 in x 9.00 in x 9.00 in
Effective Length - Bottom Terminal	3.00 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.69 in
Flange Outside Diameter	9 in
Height	9 in
Length	28.38 in
Length - Ground Shield	1.50 in
Length - Insulation Above Flange	6.60 in
Length - Insulation Below Flange	8.98 in
Length - Live Part Bottom	3.90 in
Length - Live Part Top	3.40 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	5.11 in
Sealing Surface Outside Diameter	6.25 in
Top Terminal Min. Thread Length	2.5 in
Weight	48 lb
Width	9 in

Electrical Ratings

BIL	110 kV
Current Rating	2000 A
Minimum Creepage	19.4 in
Minimum Creepage - Inside	15.50 in
Minimum Strike	8.9 in
Minimum Strike - Inside	10.10 in
Withstand Voltage - 60 Hz Dry	50 kV
kV Class	15 kV

Certifications And Compliance

Industry Standard(s) IEEE C57.19.01

Product Assets

[Installation Manuals - SDC™ Bushing General Handling and](#)

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 575-03_9801-3168](#)

[Video - ElectroComposites Factory Tour: St. Jerome](#)



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