

HUBBELL

Power Systems

SDC™ Composite Bushing - 15kV

By Electro Composites
 Catalog # [110-020-S-765-00](#)

SDC™ 15kV-2000 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per CSA C88.1, Bottom Connected for Air-to-Air Applications, 4" Ground Shield Length, 19.5" 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 CSA C88.1 Electrical and Mechanical Requirements

General

Application	Wall/Floor
Bottom Terminal Type	2-12
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	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	15.25 in
Below Flange Length	16 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt;/> 1"	4.15 in
Diameter - Below Flange Maximum P	4.15 in
Diameter - Live Part Bottom	2.00 in
Diameter - Live Part Top	3.50 in
Dimensions	31.25 in x 8.50 in x 8.50 in
Effective Length - Bottom Terminal	4.00 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.75 in
Flange Outside Diameter	8.5 in
Height	8.5 in
Length	31.25 in
Length - Ground Shield	4.00 in
Length - Insulation Above Flange	6.60 in
Length - Insulation Below Flange	7.10 in
Length - Live Part Bottom	4.90 in
Length - Live Part Top	4.80 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	6.5 in
Top Terminal Min. Thread Length	4 in
Weight	57 lb
Width	8.5 in

Electrical Ratings

BIL	110 kV
Current Rating	2000 A
Minimum Creepage	19.5 in
Minimum Strike	8.9 in
Withstand Voltage - 60 Hz Dry	50 kV
kV Class	15 kV

Certifications And Compliance

Industry Standard(s) CSA C88.1

Product Assets

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

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 765-00_8088-7541](#)

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



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