

HUBBELL

Power Systems

SDC™ Composite Bushing - 15KV

By Electro Composites
 Catalog # 110-020-W-899-01

SDC™ 15kV-2000A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 2.0" 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 IEEE C57.19.01 Electrical and Mechanical Requirements

General

Application	Wall/Floor
Bottom Terminal Type	1.50 Dia Smooth
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	Silver
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	1.50 Dia Smooth
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	13 in
Below Flange Length	31.13 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt;/> 1"	4.49 in
Diameter - Below Flange Maximum P	4.49 in
Diameter - Live Part Bottom	1.50 in
Diameter - Live Part Top	3.00 in
Dimensions	44.13 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	8.20 in
Effective Length - Top Terminal	2.70 in
Flange Mounting Hole Bolt Circle	10.75 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	12 in
Height	12 in
Length	44.13 in
Length - Ground Shield	2.00 in
Length - Insulation Above Flange	6.70 in
Length - Insulation Below Flange	22.90 in
Length - Live Part Bottom	8.20 in
Length - Live Part Top	2.91 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	5.11 in
Sealing Surface Outside Diameter	10.12 in
Top Terminal Min. Thread Length	2.7 in
Weight	65 lb
Width	12 in

Electrical Ratings

BIL	110 kV
Current Rating	2000 A
Minimum Creepage	19.5 in
Minimum Creepage - Inside	33.0 in
Minimum Strike	9 in
Minimum Strike - Inside	22.2 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 - 899-01_8013-10245](#)



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