

HUBBELL

Power Systems

SDC™ Composite Bushing - 15KV

By Electro Composites
 Catalog # [110-035-W-935-00](#)

SDC™ 15kV-3500A 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, 20.7" 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	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	3-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	14.87 in
Below Flange Length	18.12 in
Diameter - Above Flange Maximum	11.13 in
Diameter - Below Flange Maximum D > 1"	6.02 in
Diameter - Below Flange Maximum P	6.02 in
Diameter - Live Part Bottom	3.00 in
Diameter - Live Part Top	4.50 in
Dimensions	33.00 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	2.88 in
Effective Length - Top Terminal	2.75 in
Flange Mounting Hole Bolt Circle	10 in
Flange Mounting Hole Diameter	0.75 in
Flange Outside Diameter	12 in
Height	12 in
Length	33 in
Length - Drawlead Above Flange	NA
Length - Ground Shield	1.50 in
Length - Insulation Above Flange	6.80 in
Length - Insulation Below Flange	14.03 in
Length - Live Part Bottom	4.10 in
Length - Live Part Top	4.40 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	8 in
Sealing Surface Outside Diameter	8.5 in
Top Terminal Min. Thread Length	2.75 in
Weight	126 lb
Width	12 in

Electrical Ratings

BIL	110 kV
Current Rating	3500 A
Minimum Creepage	20.7 in
Minimum Creepage - Inside	13.9 in
Minimum Strike	9.9 in
Minimum Strike - Inside	13.9 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](#)
[Literature - SDC™ HV Bushings - Electro Composites](#)
[Sales Drawings - SDC Bushing 15kv, 3500A Model: 110-035-W-935-00](#)
[Video - ElectroComposites Factory Tour: St. Jerome](#)