

HUBBELL

Power Systems

SDC™ Composite Bushing - 15kV

By Electro Composites
 Catalog # 110-006-W-533-01

SDC™ 15kV-600 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 2" Ground Shield Length, 19.1" 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	1X BLADE WITH 2X 0.56 DIA HOLES
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 Bolt Holes - Bottom Terminal	2
Number of Bolt Holes - Top Terminal	4
Number of Flange Mounting Holes	4
Plating - Bottom Terminal	None
Test Tap	No
Top Terminal Plating	None
Top Terminal Type	1X BLADE WITH 4X 0.56 DIA HOLES
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	14.7 in
Below Flange Length	18.5 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt;/> 1"	4.49 in
Diameter - Below Flange Maximum P	4.52 in
Diameter - Live Part Bottom	2.00 in
Diameter - Live Part Top	4.00 in
Dimensions	33.20 in x 8.64 in x 8.64 in
Effective Length - Bottom Terminal	4.00 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	6.5 in
Flange Mounting Hole Diameter	1/2-13
Flange Outside Diameter	8.64 in
Height	8.64 in
Length	33.2 in
Length - Ground Shield	2.00 in
Length - Insulation Above Flange	7.50 in
Length - Insulation Below Flange	10.00 in
Length - Live Part Bottom	6.50 in
Length - Live Part Top	7.00 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	5 in
Sealing Surface Outside Diameter	7.55 in
Weight	38 lb
Width	8.64 in

Electrical Ratings

BIL	110 kV
Current Rating	600 A
Minimum Creepage	19.1 in
Minimum Creepage - Inside	17.70 in
Minimum Strike	9.7 in
Minimum Strike - Inside	11.50 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 - 533-01_5285-8306](#)

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



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