

HUBBELL

Power Systems

SDC™ Composite Bushing - 34.5kV

By Electro Composites
 Catalog # [200-040-W-322-02](#)

SDC™ 34.5kV-4000 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 4" Ground Shield Length, 29.5" 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	1X BLADE WITH 4X 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	4
Number of Bolt Holes - Top Terminal	4
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	Silver
Test Tap	No
Top Terminal Plating	Silver
Top Terminal Type	1X BLADE WITH 4X 0.56 DIA HOLES
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	20.06 in
Below Flange Length	24 in
Diameter - Above Flange Maximum	10.13 in
Diameter - Below Flange Maximum D <gt;/> 1"	5.51 in
Diameter - Below Flange Maximum P	5.51 in
Diameter - Live Part Bottom	3.00 in
Diameter - Live Part Top	4.50 in
Dimensions	44.06 in x 10.00 in x 10.00 in
Effective Length - Bottom Terminal	4.25 in
Effective Length - Top Terminal	4.25 in
Flange Mounting Hole Bolt Circle	7.5 in
Flange Mounting Hole Diameter	1/2-13
Flange Outside Diameter	10 in
Height	10 in
Length	44.06 in
Length - Ground Shield	4.00 in
Length - Insulation Above Flange	14.40 in
Length - Insulation Below Flange	14.00 in
Length - Live Part Bottom	6.00 in
Length - Live Part Top	5.50 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	6.15 in
Sealing Surface Outside Diameter	8.5 in
Weight	140 lb
Width	10 in

Electrical Ratings

BIL	200 kV
Current Rating	4000 A
Minimum Creepage	29.5 in
Minimum Creepage - Inside	23.70 in
Minimum Strike	16.5 in
Minimum Strike - Inside	18.70 in
Withstand Voltage - 60 Hz Dry	80 kV
kV Class	34.5 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 - 322-02_7259-6885](#)

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



A Hubbell brand