

HUBBELL

Power Systems

SDC™ Composite Bushing - 34.5kV

By Electro Composites
 Catalog # [200-030-W-003-17](#)

SDC™ 34.5kV-3000 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 8.82" Ground Shield/CT Pocket Length, 32.8" 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	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	18.78 in
Below Flange Length	26.34 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt;/> 1"	4.49 in
Diameter - Below Flange Maximum P	4.99 in
Diameter - Live Part Bottom	3.50 in
Diameter - Live Part Top	4.00 in
Dimensions	45.12 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	45.12 in
Length - Ground Shield	8.82 in
Length - Insulation Above Flange	12.00 in
Length - Insulation Below Flange	11.12 in
Length - Live Part Bottom	6.40 in
Length - Live Part Top	6.60 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	5 in
Sealing Surface Outside Diameter	7.55 in
Weight	78 lb
Width	8.64 in

Electrical Ratings

BIL	200 kV
Current Rating	3000 A
Minimum Creepage	32.8 in
Minimum Creepage - Inside	18.50 in
Minimum Strike	14 in
Minimum Strike - Inside	12.20 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 - 003-17_3811-9375](#)

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



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