

# HUBBELL

## Power Systems

### SDC™ Composite Bushing - 69kV

By Electro Composites  
 Catalog # [350-012-W-839-00](#)

SDC™ 69kV-1200 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 16.5" Ground Shield/CT Pocket Length, 73.0" 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 1/2-12
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	None
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

#### Dimensions

Above Flange Length	35.1 in
Below Flange Length	45 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt;/> 1"	5.02 in
Diameter - Below Flange Maximum P	5.02 in
Diameter - Live Part Bottom	2.50 in
Diameter - Live Part Top	3.00 in
Dimensions	80.13 in x 10.00 in x 10.00 in
Effective Length - Bottom Terminal	2.50 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	8.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	10 in
Height	10 in
Length	80.13 in
Length - Ground Shield	16.50 in
Length - Insulation Above Flange	27.4 in
Length - Insulation Below Flange	24.20 in
Length - Live Part Bottom	4.30 in
Length - Live Part Top	4.00 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	5.13 in
Sealing Surface Outside Diameter	7.37 in
Top Terminal Min. Thread Length	2.5 in
Weight	143 lb
Width	10 in

## Electrical Ratings

BIL	350 kV
Current Rating	1200 A
Minimum Creepage	73 in
Minimum Creepage - Inside	26.5 in
Minimum Strike	29.6 in
Minimum Strike - Inside	26.5 in
Withstand Voltage - 60 Hz Dry	170 kV
kV Class	69 kV

## Certifications And Compliance

Industry Standard(s)	IEEE C57.19.01
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## Product Assets

[Installation Manuals - SDC™ Bushing General Handling and](#)

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 839-00\\_8740-8138](#)

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



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