

# HUBBELL

## Power Systems

### SDC™ Composite Bushing - 72.5kV

By Electro Composites  
 Catalog # [350-012-W-1059-00](#)

SDC™ 72.5kV-1200 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Air Applications, 3" Ground Shield Length, 93.2" 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 IEC 60137 Electrical and Mechanical Requirements

#### General

Application	Wall/Floor
Bottom Terminal Type	1.50 DIA SMOOTH
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 Bolt Holes - Top Terminal	1
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	1.50 DIA SMOOTH
Type	SDC - Solid Dielectric Capacitor

#### Dimensions

Above Flange Length	43.03 in
Below Flange Length	28.85 in
Diameter - Above Flange Maximum	7.75 in
Diameter - Below Flange Maximum D <gt;/> 1"	7.75 in
Diameter - Below Flange Maximum P	7.75 in
Diameter - Live Part Bottom	4.50 in
Diameter - Live Part Top	4.50 in
Dimensions	71.88 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	2.61 in
Effective Length - Top Terminal	2.63 in
Flange Mounting Hole Bolt Circle	10.75 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	12 in
Height	12 in
Length	71.88 in
Length - Ground Shield	3.00 in
Length - Insulation Above Flange	35.40 in
Length - Insulation Below Flange	22.45 in
Length - Live Part Bottom	3.40 in
Length - Live Part Top	3.50 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	7.8 in
Sealing Surface Outside Diameter	10.12 in
Stud Inside Diameter	0.88 in
Weight	194 lb
Width	12 in

## Electrical Ratings

BIL	350 kV
Current Rating	1200 A
Minimum Creepage	93.2 in
Minimum Creepage - Inside	54.30 in
Minimum Strike	37.2 in
Minimum Strike - Inside	24.00 in
Withstand Voltage - 60 Hz Dry	160 kV
kV Class	72.5 kV

## Certifications And Compliance

Industry Standard(s)	IEC 60137
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## Product Assets

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

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 1059-00\\_1243-10098](#)

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



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