

## SDC™ Composite Bushing - 15kV

By Electro Composites  
Catalog # 110-012-W-812-01

SDC™ 15kV-1200 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per CSA C88.1, Bottom Connected for Air-to-Air Applications, 16.5" Ground Shield/CT Pocket Length, 19.8" Min. Creepage Length



\*Representative Image

### Features

- SDC™ - Solid Dielectric Capacitance Graded Composite Construction
- EC-APG-02 Cycloaliphatic Epoxy Compound for Optimal Performance
- Meets CSA C88.1 Electrical and Mechanical Requirements
- Can be mounted vertically or horizontally

### Application

Wall/Floor

### General

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	15.6 in
Below Flange Length	28.5 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt;/> 1"	4.15 in
Diameter - Below Flange Maximum P	4.15 in
Diameter - Live Part Bottom	1.50 in
Diameter - Live Part Top	3.00 in
Effective Length - Bottom Terminal	4.00 in
Effective Length - Top Terminal	2.25 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	8.50 in
Length	44.10 in
Length - Ground Shield	16.50 in
Length - Insulation Above Flange	6.70 in
Length - Insulation Below Flange	6.90 in
Length - Live Part Bottom	5.10 in
Length - Live Part Top	4.00 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	6.37 in
Top Terminal Min. Thread Length	2.25 in
Weight	64 lb

### Electrical Ratings

BIL	110 kV
Current Rating	1200 A
Minimum Creepage	19.80 in
Minimum Creepage - Inside	7.70 in
Minimum Strike	9.20 in
Minimum Strike - Inside	7.70 in
Withstand Voltage - 60 Hz	50 kV

Withstand voltage - 60 Hz 50 kV  
Dry  
kV Class 15 kV

### Certifications and Compliance

Industry Standard(s) CSA C88.1

### Product Assets

[Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites](#)  
[Sales Drawings - 812-01\\_1012-8754](#)  
[Sales Drawings - 812-01\\_1012-8754](#)  
[Video - ElectroComposites Factory Tour: St. Jerome \(V100124E\)](#)



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