

HUBBELL

Power Systems

SDC™ Composite Bushing - 15kV

By Electro Composites
 Catalog # 110-012-W-542-04

SDC™ 15kV-1200 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 10" Ground Shield/CT Pocket Length, 13.9" 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 1/8-12
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 1/8-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	11.5 in
Below Flange Length	23 in
Diameter - Above Flange Maximum	5.21 in
Diameter - Below Flange Maximum D <gt;/> 1"	2.76 in
Diameter - Below Flange Maximum P	2.98 in
Diameter - Live Part Bottom	1.25 in
Diameter - Live Part Top	2.75 in
Dimensions	34.50 in x 7.50 in x 7.50 in
Effective Length - Bottom Terminal	2.00 in
Effective Length - Top Terminal	2.00 in
Flange Mounting Hole Bolt Circle	6 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	7.5 in
Height	7.5 in
Length	34.5 in
Length - Ground Shield	10.00 in
Length - Insulation Above Flange	5.80 in
Length - Insulation Below Flange	10.00 in
Length - Live Part Bottom	3.00 in
Length - Live Part Top	2.70 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	3.01 in
Sealing Surface Outside Diameter	5.37 in
Top Terminal Min. Thread Length	2 in
Weight	29 lb
Width	7.5 in

Electrical Ratings

BIL	110 kV
Current Rating	1200 A
Minimum Creepage	13.9 in
Minimum Creepage - Inside	10.70 in
Minimum Strike	6.8 in
Minimum Strike - Inside	10.70 in
Withstand Voltage - 60 Hz Dry	50 kV
kV Class	15 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 - 542-04_5370-8388](#)

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



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