

# HUBBELL

## Power Systems

### SDC™ Composite Bushing - 15kV

By Electro Composites  
 Catalog # [095-012-T-367-00](#)

SDC™ 15kV-1200 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Oil Applications, 10" Min. Oil Immersion Level/CT Pocket Length, 23.5" 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	Transformer
Bottom Terminal Type	1 1/2-12
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
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	Silver
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

#### Dimensions

Above Flange Length	18.25 in
Below Flange Length	16.88 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D > 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
Dimensions	35.13 in x 8.75 in x 8.75 in
Effective Length - Bottom Terminal	2.25 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.75 in
Flange Outside Diameter	8.75 in
Height	8.75 in
Length	35.13 in
Length - Ground Shield	10.00 in
Length - Insulation Above Flange	9.00 in
Length - Insulation Below Flange	3.04 in
Length - Live Part Bottom	3.84 in
Length - Live Part Top	5.60 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	6.5 in
Top Terminal Min. Thread Length	4 in
Weight	51 lb
Width	8.75 in

## Electrical Ratings

BIL	95 kV
Current Rating	1200 A
Minimum Creepage	23.5 in
Minimum Strike	11.2 in
Withstand Voltage - 60 Hz Dry	38 kV
kV Class	15 kV

## Certifications And Compliance

Industry Standard(s) IEC 60137

## Product Assets

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

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 367-00\\_5118-4616](#)

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



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