

# HUBBELL

## Power Systems

### SDC™ Composite Bushing - 15kV

By Electro Composites  
 Catalog # 110-006-T-542-07

SDC™ 15kV-600DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Drawlead Connected for Air-to-Oil Applications, 16.5" Min. Oil Immersion Level/CT Pocket Length, 14.2" 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 IEEE C57.19.01 Electrical and Mechanical Requirements

#### General

Application	Transformer
Bottom Terminal Type	None
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	3
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	13.81 in
Below Flange Length	20 in
Diameter - Above Flange Maximum	5.21 in
Diameter - Below Flange Maximum D > 1"	2.76 in
Diameter - Below Flange Maximum P	2.76 in
Diameter - Live Part Bottom	1.25 in
Diameter - Live Part Top	3.50 in
Dimensions	33.81 in x 9.00 in x 9.00 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	9 in
Height	9 in
Length	33.81 in
Length - Drawlead Above Flange	10.25 in
Length - Ground Shield	16.50 in
Length - Insulation Above Flange	5.60 in
Length - Insulation Below Flange	3.10 in
Length - Live Part Bottom	0.40 in
Length - Live Part Top	4.70 in
Length - Minimum Oil Immersion Level	16.50 in
Sealing Surface Inside Diameter	3.01 in
Sealing Surface Outside Diameter	6.25 in
Stud Inside Diameter	1 in
Thread Size - Drawlead Connector	3/4-10
Top Terminal Min. Thread Length	2.5 in
Weight	24 lb
Width	9 in

## Electrical Ratings

BIL	110 kV
Current Rating	600 A
Minimum Creepage	14.2 in
Minimum Strike	6.4 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 - 542-07\\_2804-9769](#)

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



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