

# HUBBELL Power Systems

## SDC™ Composite Bushing - 15kV

By Electro Composites  
Catalog # 110-004-T-205-06

SDC™ 15kV-400DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per CSA C88.1, Drawlead Connected for Air-to-Oil Applications, 10" Min. Oil Immersion Level/CT Pocket Length, 21" 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 CSA C88.1 Electrical and Mechanical Requirements

### Application

Transformer

### General

Bottom Terminal Type	None
Catalog Number	110-004-T-205-06
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	None
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

### Dimensions

Above Flange Length	16.2 in
Below Flange Length	14.63 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt/> 1"	2.73 in
Diameter - Below Flange Maximum P	2.73 in
Diameter - Live Part Bottom	1.25 in
Diameter - Live Part Top	3.50 in
Dimensions	30.81 in x 8.50 in x 8.50 in

Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.69 in
Flange Outside Diameter	8.5 in
Height	8.5 in
Length	30.81 in
Length - Drawlead Above Flange	12.63 in
Length - Ground Shield	10.00 in
Length - Insulation Above Flange	6.60 in
Length - Insulation Below Flange	3.53 in
Length - Live Part Bottom	1.10 in
Length - Live Part Top	5.40 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	6.56 in
Stud Inside Diameter	1 in
Thread Size - Drawlead Connector	3/4-10
Top Terminal Min. Thread Length	2.5 in
Weight	26 lb
Width	8.5 in

### Electrical Ratings

BIL	110 kV
Current Rating	400 A
Minimum Creepage	21 in
Minimum Strike	9.1 in
Withstand Voltage - 60 Hz Dry kV Class	50 kV
	15 kV

### Certifications And Compliance

Industry Standard(s)	CSA C88.1
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### Product Assets

[Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites](#)



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