

HUBBELL

Power Systems

SDC™ Composite Bushing - 15KV

By Electro Composites
 Catalog # [110-010-T-884-02](#)

SDC™ 15kV-1000A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 10.0" Min.Oil Immersion Level/CT Pocket, 13.7" 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	0.56 Dia Smooth
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 Bolt Holes - Top Terminal	2
Number of Flange Mounting Holes	4
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	1X Blade With 2X 0.56 Dia Holes
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	14.12 in
Below Flange Length	18.87 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	1.50 in
Diameter - Live Part Top	3.00 in
Dimensions	33.00 in x 7.00 in x 7.00 in
Effective Length - Bottom Terminal	3.00 in
Effective Length - Top Terminal	3.19 in
Flange Mounting Hole Bolt Circle	5.88 in
Flange Mounting Hole Diameter	0.75 in
Flange Outside Diameter	7 in
Height	7 in
Length	33 in
Length - Drawlead Above Flange	NA
Length - Ground Shield	10.00 in
Length - Insulation Above Flange	5.70 in
Length - Insulation Below Flange	13.68 in
Length - Live Part Bottom	5.20 in
Length - Live Part Top	5.00 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Inside Diameter	3.01 in
Sealing Surface Outside Diameter	5.13 in
Top Terminal Min. Thread Length	3.19 in
Weight	29 lb
Width	7 in

Electrical Ratings

BIL	110 kV
Current Rating	1000 A
Minimum Creepage	13.7 in
Minimum Creepage - Inside	NA
Minimum Strike	6.7 in
Minimum Strike - Inside	NA
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](#)
[Literature - SDC™ HV Bushings - Electro Composites](#)
[Sales Drawings - SDC Bushing 15kV, 1000A Model: 110-010-T-884-02](#)
[Video - ElectroComposites Factory Tour: St. Jerome](#)



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