

HUBBELL

Power Systems

SDC™ Composite Bushing - 15KV

By Electro Composites
 Catalog # 110-020-T-938-00

SDC™ 15kV-2000A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 21.0" Min.Oil Immersion Level/CT Pocket, 19.3" 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	8X 1/2-13 Holes On 3.00 Bc
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 - Bottom Terminal	8
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	14.25 in
Below Flange Length	33.5 in
Bottom Terminal Diameter	4 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	4.00 in
Diameter - Live Part Top	3.50 in
Dimensions	47.75 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	0.00 in
Effective Length - Top Terminal	3.00 in
Flange Mounting Hole Bolt Circle	10.88 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	12 in
Height	12 in
Length	47.75 in
Length - Drawlead Above Flange	NA
Length - Ground Shield	21.00 in
Length - Insulation Above Flange	6.60 in
Length - Insulation Below Flange	32.30 in
Length - Live Part Bottom	1.20 in
Length - Live Part Top	3.60 in
Length - Minimum Oil Immersion Level	21.00 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	10.25 in
Top Terminal Min. Thread Length	3 in
Weight	96 lb
Width	12 in

Electrical Ratings

BIL	110 kV
Current Rating	2000 A
Minimum Creepage	19.3 in
Minimum Creepage - Inside	NA
Minimum Strike	9.1 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, 2000A Model: 110-020-T-938-00](#)
[Video - ElectroComposites Factory Tour: St. Jerome](#)



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