

HUBBELL

Power Systems

SDC™ Composite Bushing - 15kV

By Electro Composites
 Catalog # [110-006-T-1020-00](#)

SDC™ 15kV-600DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Drawlead Connected for Air-to-Oil Applications, 14.25" Min. Oil Immersion Level/CT Pocket Length, 13.8" 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	13.9 in
Below Flange Length	18.38 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	32.31 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	32.31 in
Length - Drawlead Above Flange	10.38 in
Length - Ground Shield	14.25 in
Length - Insulation Above Flange	5.60 in
Length - Insulation Below Flange	3.73 in
Length - Live Part Bottom	0.40 in
Length - Live Part Top	4.50 in
Length - Minimum Oil Immersion Level	14.25 in
Sealing Surface Inside Diameter	3.01 in
Sealing Surface Outside Diameter	6.62 in
Stud Inside Diameter	1 in
Thread Size - Drawlead Connector	3/4-12
Top Terminal Min. Thread Length	2.5 in
Weight	20 lb
Width	9 in

Electrical Ratings

BIL	110 kV
Current Rating	600 A
Minimum Creepage	13.8 in
Minimum Strike	6.5 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 - 1020-00_2052-9643](#)

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



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