

HUBBELL

Power Systems

SDC™ Composite Bushing - 15 kV

By Electro Composites
 Catalog # 110-012-T-1028-00

SDC™ 15kV-1200A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom-Drawlead Connected for Air-to-Oil Applications, 10.0" Min.Oil Immersion Level/CT Pocket, 29.3" Min. Creepage Length



*Representative Image

Features

- SDC™ - Solid Dielectric Capacitance Graded Composite Construction
- EC-APG-15NA High Temperature Cycloaliphatic Epoxy Compound for high temperature applications
- 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	1 1/8-12
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	APG-15NA - High Temp Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Flange Mounting Holes	4
Plating - Bottom Terminal	none
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	1 1/8-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	17.5 in
Below Flange Length	16.5 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D > 1"	2.37 in
Diameter - Below Flange Maximum P	2.37 in
Diameter - Live Part Bottom	1.13 in
Diameter - Live Part Top	2.63 in
Dimensions	34.00 in x 7.25 in x 7.25 in
Effective Length - Bottom Terminal	1.50 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	6 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	7.25 in
Height	7.25 in
Length	34 in
Length - Ground Shield	10.00 in
Length - Insulation Above Flange	9.1 in
Length - Insulation Below Flange	4.4 in
Length - Live Part Bottom	2.1 in
Length - Live Part Top	3.5 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Inside Diameter	3.14 in
Sealing Surface Outside Diameter	5.12 in
Top Terminal Min. Thread Length	2.5 in
Weight	34 lb
Width	7.25 in

Electrical Ratings

BIL	110 kV
Current Rating	1200 A
Minimum Creepage	29.3 in
Minimum Strike	12 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 - 1028-00_3872-9714](#)

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



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