

HUBBELL

Power Systems

SDC™ Composite Bushing - 25kV

By Electro Composites
 Catalog # [150-027-T-537-13](#)

SDC™ 25kV-2700 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 21" Min. Oil Immersion Level/CT Pocket Length, 33.5" 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 1/2-12
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	Silver
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	20.75 in
Below Flange Length	29.5 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt;/> 1"	3.12 in
Diameter - Below Flange Maximum P	3.12 in
Diameter - Live Part Bottom	1.75 in
Diameter - Live Part Top	3.25 in
Dimensions	50.25 in x 8.50 in x 8.50 in
Effective Length - Bottom Terminal	2.25 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	8.5 in
Height	8.5 in
Length	50.25 in
Length - Ground Shield	21.00 in
Length - Insulation Above Flange	11.20 in
Length - Insulation Below Flange	4.00 in
Length - Live Part Bottom	4.50 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	6.37 in
Top Terminal Min. Thread Length	2.5 in
Weight	73 lb
Width	8.5 in

Electrical Ratings

BIL	150 kV
Current Rating	2700 A
Minimum Creepage	33.5 in
Minimum Strike	13.8 in
Withstand Voltage - 60 Hz Dry	60 kV
kV Class	25 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 - 537-13_9386-9763](#)

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



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