

HUBBELL

Power Systems

SDC™ Composite Bushing - 25kV

By Electro Composites
 Catalog # [150-040-T-960-00](#)

SDC™ 25kV-4000 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, 34.1" 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	4-12
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	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	4-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	22.13 in
Below Flange Length	32.5 in
Diameter - Above Flange Maximum	11.13 in
Diameter - Below Flange Maximum D <gt;/> 1"	6.02 in
Diameter - Below Flange Maximum P	6.02 in
Diameter - Live Part Bottom	4.00 in
Diameter - Live Part Top	5.50 in
Dimensions	54.63 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	5.00 in
Effective Length - Top Terminal	5.00 in
Flange Mounting Hole Bolt Circle	10.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	12 in
Height	12 in
Length	54.63 in
Length - Ground Shield	21.00 in
Length - Insulation Above Flange	11.20 in
Length - Insulation Below Flange	5.30 in
Length - Live Part Bottom	6.20 in
Length - Live Part Top	6.20 in
Length - Minimum Oil Immersion Level	21.00 in
Sealing Surface Inside Diameter	6.24 in
Sealing Surface Outside Diameter	9.37 in
Top Terminal Min. Thread Length	5 in
Weight	191 lb
Width	12 in

Electrical Ratings

BIL	150 kV
Current Rating	4000 A
Minimum Creepage	34.1 in
Minimum Strike	13.9 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 - 960-00_9185-3130](#)

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



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EC-150040T96000-SPEC-EN | REV 6/2024