

HUBBELL

Power Systems

SDC™ Composite Bushing - 72.5kV

By Electro Composites
 Catalog # [325-012-T-128-00](#)

SDC™ 72.5kV-1200 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Oil Applications, 10" Min. Oil Immersion Level/CT Pocket Length, 66.4" 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 IEC 60137 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-02 - Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Tin
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	36.81 in
Below Flange Length	26 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	1.50 in
Diameter - Live Part Top	3.00 in
Dimensions	62.81 in x 10.50 in x 10.50 in
Effective Length - Bottom Terminal	2.50 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	9.25 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	10.5 in
Height	10.5 in
Length	62.81 in
Length - Ground Shield	10.00 in
Length - Insulation Above Flange	27.40 in
Length - Insulation Below Flange	11.70 in
Length - Live Part Bottom	4.30 in
Length - Live Part Top	5.30 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	8.62 in
Top Terminal Min. Thread Length	4 in
Weight	100 lb
Width	10.5 in

Electrical Ratings

BIL	325 kV
Current Rating	1200 A
Minimum Creepage	66.4 in
Minimum Strike	29.7 in
Withstand Voltage - 60 Hz Dry	155 kV
kV Class	72.5 kV

Certifications And Compliance

Industry Standard(s)	IEC 60137
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Product Assets

[Installation Manuals - SDC™ Bushing General Handling and](#)

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 128-00_3242-2141](#)

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



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