

HUBBELL

Power Systems

SDC™ Composite Bushing - 69kV

By Electro Composites
 Catalog # [350-012-T-350-01](#)

SDC™ 69kV-1200 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 27" Min. Oil Immersion Level/CT Pocket Length, 73.1" 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	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	None
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	37.8 in
Below Flange Length	44 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt;/> 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	81.75 in x 11.25 in x 11.25 in
Effective Length - Bottom Terminal	3.00 in
Effective Length - Top Terminal	3.00 in
Flange Mounting Hole Bolt Circle	9.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	11.25 in
Height	11.25 in
Length	81.75 in
Length - Ground Shield	27.00 in
Length - Insulation Above Flange	29.70 in
Length - Insulation Below Flange	13.20 in
Length - Live Part Bottom	3.80 in
Length - Live Part Top	3.80 in
Length - Minimum Oil Immersion Level	27.00 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	8.37 in
Top Terminal Min. Thread Length	3 in
Weight	128 lb
Width	11.25 in

Electrical Ratings

BIL	350 kV
Current Rating	1200 A
Minimum Creepage	73.1 in
Minimum Strike	31.8 in
Withstand Voltage - 60 Hz Dry	160 kV
kV Class	69 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 - 350-01_5067-4555](#)



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EC-350012T35001-SPEC-EN | REV 6/2024