

HUBBELL

Power Systems

SDC™ Composite Bushing - 69KV

By Electro Composites
 Catalog # 350-004-T-888-01

SDC™ 69kV-400DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Drawlead Connected for Air-to-Oil Applications, 12.0" Min.Oil Immersion Level/CT Pocket, 111.0" 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	None
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 Bolt Holes - Top Terminal	2
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	1X Blade With 2X 0.56 Dia Holes
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	43.32 in
Below Flange Length	20.63 in
Diameter - Above Flange Maximum	11.13 in
Diameter - Below Flange Maximum D > 1"	5.02 in
Diameter - Below Flange Maximum P	5.02 in
Diameter - Live Part Bottom	1.25 in
Diameter - Live Part Top	3.00 in
Dimensions	63.96 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	0.00 in
Effective Length - Top Terminal	3.25 in
Flange Mounting Hole Bolt Circle	10.88 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	12 in
Height	12 in
Length	63.96 in
Length - Drawlead Above Flange	37.32 in
Length - Ground Shield	12.00 in
Length - Insulation Above Flange	32.30 in
Length - Insulation Below Flange	20.23 in
Length - Live Part Bottom	0.40 in
Length - Live Part Top	7.40 in
Length - Minimum Oil Immersion Level	12.00 in
Sealing Surface Inside Diameter	5.11 in
Sealing Surface Outside Diameter	10.06 in
Stud Inside Diameter	1 in
Thread Size - Drawlead Connector	3/4-12
Top Terminal Min. Thread Length	3.25 in
Weight	134 lb
Width	12 in

Electrical Ratings

BIL	350 kV
Current Rating	400 A
Minimum Creepage	111 in
Minimum Creepage - Inside	NA
Minimum Strike	36 in
Minimum Strike - Inside	NA
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](#)
- [Literature - SDC™ HV Bushings - Electro Composites](#)
- [Sales Drawings - SDC Bushing 69kV, 400A Model: 350-004-T-888-01](#)
- [Video - ElectroComposites Factory Tour: St. Jerome](#)



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