

HUBBELL

Power Systems

SDC™ Composite Bushing - 69KV

By Electro Composites
 Catalog # [350-008-T-867-00](#)

SDC™ 69kV-800DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Drawlead Connected for Air-to-Oil Applications, 21.0" Min.Oil Immersion Level/CT Pocket, 103.5" 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 Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	38.6 in
Below Flange Length	34.5 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	2.00 in
Diameter - Live Part Top	4.50 in
Dimensions	73.10 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	0.00 in
Effective Length - Top Terminal	2.50 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	73.1 in
Length - Drawlead Above Flange	35.00 in
Length - Ground Shield	21.00 in
Length - Insulation Above Flange	29.90 in
Length - Insulation Below Flange	33.40 in
Length - Live Part Bottom	1.10 in
Length - Live Part Top	4.80 in
Length - Minimum Oil Immersion Level	21.00 in
Sealing Surface Inside Diameter	5.11 in
Sealing Surface Outside Diameter	9.37 in
Stud Inside Diameter	1.75 in
Thread Size - Drawlead Connector	3/4-12
Top Terminal Min. Thread Length	2.5 in
Weight	135 lb
Width	12 in

Electrical Ratings

BIL	350 kV
Current Rating	800 A
Minimum Creepage	103.5 in
Minimum Creepage - Inside	NA
Minimum Strike	33.2 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, 800A Model: 350-008-T-867-00](#)
[Video - ElectroComposites Factory Tour: St. Jerome](#)



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
EC-350008T86700-SPEC-EN | REV 6/2024