

HUBBELL

Power Systems

SDC™ Composite Bushing - 8.7KV

By Electro Composites
 Catalog # [095-004-T-866-00](#)

SDC™ 8.7kV-400DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Drawlead Connected for Air-to-Oil Applications, 8.0" Min.Oil Immersion Level/CT Pocket, 13.6" 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	4X / 3X
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	13.37 in
Below Flange Length	10.63 in
Diameter - Above Flange Maximum	5.24 in
Diameter - Below Flange Maximum D > 1"	2.76 in
Diameter - Below Flange Maximum P	2.94 in
Diameter - Live Part Bottom	1.25 in
Diameter - Live Part Top	3.50 in
Dimensions	24.00 in x 8.50 in x 8.50 in
Effective Length - Bottom Terminal	0.00 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	8.5 in
Height	8.5 in
Length	24 in
Length - Drawlead Above Flange	9.81 in
Length - Ground Shield	8.00 in
Length - Insulation Above Flange	5.60 in
Length - Insulation Below Flange	10.52 in
Length - Live Part Bottom	0.11 in
Length - Live Part Top	4.40 in
Length - Minimum Oil Immersion Level	8.00 in
Sealing Surface Inside Diameter	3.01 in
Sealing Surface Outside Diameter	6.62 in
Stud Inside Diameter	1 in
Thread Size - Drawlead Connector	3/4-12
Top Terminal Min. Thread Length	2.5 in
Weight	16.6 lb
Width	8.5 in

Electrical Ratings

BIL	95 kV
Current Rating	400 A
Minimum Creepage	13.6 in
Minimum Creepage - Inside	NA
Minimum Strike	6.5 in
Minimum Strike - Inside	NA
Withstand Voltage - 60 Hz Dry	35 kV
kV Class	8.7 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 8.7kV, 400A Model: 095-004-T-866-00](#)
[Video - ElectroComposites Factory Tour: St. Jerome](#)



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