

SDC™ Composite Bushing - 25kV

By Electro Composites
Catalog # 150-004-T-636-00

SDC™ 25kV-400DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Drawlead Connected for Air-to-Oil Applications, 16.5" Min. Oil Immersion Level/CT Pocket Length, 33.3" 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

Application

Transformer

General

Bottom Terminal Type	None
Catalog Number	150-004-T-636-00
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	4
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	1 1/8-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	20.25 in
Below Flange Length	23 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt; 1"	3.12 in
Diameter - Below Flange Maximum P	3.67 in
Diameter - Conductor Outside Under Insulation	1.25 in
Diameter - Live Part Bottom	1.25 in

Diameter - Live Part Top	3.50 in
Diameter - Rod / Tube	1.25/1.00 in
Dimensions	43.25 in x 8.50 in x 8.50 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	8.5 in
Height	8.5 in
Length	43.25 in
Length - Drawlead Above Flange	16.75 in
Length - Ground Shield	16.50 in
Length - Insulated Section	38.6 in
Length - Insulation Above Flange	11.20 in
Length - Insulation Below Flange	6.30 in
Length - Live Part Bottom	0.20 in
Length - Live Part Top	4.50 in
Length - Minimum Oil Immersion Level	16.50 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	6.31 in
Stud Inside Diameter	1 in
Thickness	0.935 in
Thread Size - Drawlead Connector	3/4-12
Top Terminal Min. Thread Length	2.5 in
Weight	45 lb
Width	8.5 in

Electrical Ratings

BIL	150 kV
Current Rating	400 A
Minimum Creepage	33.3 in
Minimum Strike	13.6 in
Withstand Voltage - 60 Hz Dry kV Class	60 kV 25 kV

Certifications And Compliance

Industry Standard(s)

IEEE C57.19.01

Product Assets

Catalogs - Electro Composites SDC™ composite bushings
Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites
Literature - SDC™ HV Generator Bushings - Electro Composites
Literature - How an SDC Bushing Test Tap is Constructed
Literature - TRAVERSÉE SDC™ ÉLECTRO COMPOSITES DE TYPE GSU

Literature - SDC™ GSU Bushings - Electro Composites
Literature - TRAVERSÉE SDC™ ÉLECTRO COMPOSITES POUR GÉNÉRATEUR
Literature - Apparatus Bushings Selection Guide
Literature - ÉLECTRO COMPOSITES TRAVERSÉE HAUTE TENSION SDC™
Literature - SDC™ HV Bushings - Electro Composites
Sales Drawings - 636-00_6898-6581
Specifications - 150004T63600
Video - ElectroComposites Factory Tour: St. Jerome



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