

SDC™ Composite Bushing - 15kV

By Electro Composites
Catalog # [110-006-T-920-01](#)

SDC™ 15kV-600DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Drawlead Connected for Air-to-Oil Applications, 3.9" Min. Oil Immersion Level/CT Pocket Length, 13.5" 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

Application

Transformer

General

Bottom Terminal Type	None
Catalog Number	110-006-T-920-01
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	13.56 in
Below Flange Length	7.88 in
Diameter - Above Flange Maximum	5.21 in
Diameter - Below Flange Maximum D <gt; 1"	2.76 in
Diameter - Below Flange Maximum P	2.94 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	21.44 in x 7.50 in x 7.50 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	6 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	7.5 in
Height	7.5 in
Length	21.44 in
Length - Drawlead Above Flange	10.00 in
Length - Ground Shield	3.90 in
Length - Insulated Section	16.5 in
Length - Insulation Above Flange	5.60 in
Length - Insulation Below Flange	3.58 in
Length - Live Part Bottom	0.40 in
Length - Live Part Top	4.60 in
Length - Minimum Oil Immersion Level	3.90 in
Sealing Surface Inside Diameter	3.01 in
Sealing Surface Outside Diameter	5.37 in
Stud Inside Diameter	1 in
Thickness	0.755 in
Thread Size - Drawlead Connector	3/4-12
Top Terminal Min. Thread Length	2.5 in
Weight	15 lb
Width	7.5 in

Electrical Ratings

BIL	110 kV
Current Rating	600 A
Minimum Creepage	13.5 in
Minimum Strike	6.6 in
Withstand Voltage - 60 Hz Dry kV Class	50 kV
	15 kV

Certifications And Compliance

Industry Standard(s)	IEEE C57.19.01	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 - 920-01_8624-9773 Specifications - 110006T92001 Video - ElectroComposites Factory Tour: St. Jerome
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	