

SDC™ Composite Bushing - 72.5kV

By Electro Composites
Catalog # [325-004-T-280-00](#)

SDC™ 72.5kV-400DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Drawlead Connected for Air-to-Oil Applications, 17" Min. Oil Immersion Level/CT Pocket Length, 58.6" 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 IEC 60137 Electrical and Mechanical Requirements

Application

Transformer

General

Bottom Terminal Type	None
Catalog Number	325-004-T-280-00
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	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Tin
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	36.1 in
Below Flange Length	27 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt; 1"	4.15 in
Diameter - Below Flange Maximum P	4.15 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 Dimensions	1.25/1.00 in
Effective Length - Top Terminal	63.10 in x 12.00 in x 12.00 in
Flange Mounting Hole Bolt Circle	4.00 in
Flange Mounting Hole Diameter	10.88 in
Flange Outside Diameter	0.56 in
Height	12 in
Length	63.1 in
Length - Drawlead Above Flange	31.25 in
Length - Ground Shield	
Length - Insulated Section	17.00 in
Length - Insulation Above Flange	55.8 in
Length - Insulation Below Flange	25.00 in
Length - Live Part Bottom	9.60 in
Length - Live Part Top	
Length - Minimum Oil Immersion Level	0.40 in
Sealing Surface Inside Diameter	6.90 in
Sealing Surface Outside Diameter	17.00 in
Stud Inside Diameter	4.37 in
Thickness	10.32 in
Thread Size - Drawlead Connector	1 in
Top Terminal Min. Thread Length	1.45 in
Weight	3/4-10
Width	4 in

Electrical Ratings

BIL	325 kV
Current Rating	400 A
Minimum Creepage	58.6 in
Minimum Strike	26.8 in
Withstand Voltage - 60 Hz Dry kV Class	155 kV
	72.5 kV

Certifications And Compliance

Industry Standard(s)	IEC 60137	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 - 280-00_4552-3863 Specifications - 325004T28000 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	



A Hubbell brand