

SDC™ Composite Bushing - 34.5 kV

By Electro Composites
Catalog # 200-060-T-1040-00

SDC™ 34.5kV-6000A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 21.0" Min.Oil Immersion Level/CT Pocket, 48.1" Min. Creepage Length



*Representative Image

Features

- SDC™ - Solid Dielectric Capacitance Graded Composite Construction
- EC-APG-15NA High Temperature Cycloaliphatic Epoxy Compound for high temperature applications
- 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	1X Blade With 6X 0.56 Dia Holes
Catalog Number	200-060-T-1040-00
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	APG-15NA - High Temp Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Bolt Holes - Bottom Terminal	6
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	4-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	23.5 in
Below Flange Length	35 in
Diameter - Above Flange Maximum	11.13 in
Diameter - Below Flange Maximum D <gt; 1"	6.02 in

Diameter - Below Flange Maximum P	6.02 in
Diameter - Conductor Outside Under Insulation	4 in
Diameter - Live Part Bottom	4.00 in
Diameter - Live Part Top	5.50 in
Diameter - Rod / Tube	4 in
Dimensions	58.50 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	3.25 in
Effective Length - Top Terminal	3.00 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	58.5 in
Length - Ground Shield	21.00 in
Length - Insulated Section	49.6 in
Length - Insulation Above Flange	15.90 in
Length - Insulation Below Flange	9.00 in
Length - Live Part Bottom	5.00 in
Length - Live Part Top	3.90 in
Length - Minimum Oil Immersion Level	21.00 in
Sealing Surface Inside Diameter	6.24 in
Sealing Surface Outside Diameter	9.37 in
Thickness	1.01 in
Thread Size - Drawlead Connector	NA
Top Terminal Min. Thread Length	3 in
Weight	307 lb
Width	12 in

Electrical Ratings

BIL	200 kV
Current Rating	6000 A
Minimum Creepage	48.1 in
Minimum Strike	18.5 in
Withstand Voltage - 60 Hz Dry	200 kV

kV Class	34.5 kV	Literature - TRAVERSÉE SDC™ ÉLECTRO COMPOSITES DE TYPE GSU
Certifications And Compliance		
Industry Standard(s)	IEEE C57.19.01	Literature - SDC™ GSU Bushings - Electro Composites
Product Assets		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 - 1040-00_8414-9877
Catalogs - Electro Composites SDC™ composite bushings		Specifications - 200060T104000
Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites		Video - ElectroComposites Factory Tour: St. Jerome
Literature - SDC™ HV Generator Bushings - Electro Composites		
Literature - How an SDC Bushing Test Tap is Constructed		



A Hubbell brand