

SDC™ Composite Bushing - 26.4kV

By Electro Composites
Catalog # 150-050-T-725-00

SDC™ 26.4kV-5000 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Oil Applications, 17.5" Min. Oil Immersion Level/CT Pocket Length, 55.2" Min. Creepage Length

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	1x Blade with 4x 0.66 Dia Holes
Catalog Number	150-050-T-725-00
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 Bolt Holes - Bottom Terminal	4
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Tin
Top Terminal Type	4-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	27.5 in
Below Flange Length	28 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



*Representative Image

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	55.50 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	4.19 in
Effective Length - Top Terminal	5.00 in
Flange Mounting Hole Bolt Circle	10.88 in
Flange Mounting Hole Diameter	0.75 in
Flange Outside Diameter	12 in
Height	12 in
Length	55.5 in
Length - Ground Shield	17.50 in
Length - Insulated Section	43.9 in
Length - Insulation Above Flange	18.20 in
Length - Insulation Below Flange	4.80 in
Length - Live Part Bottom	5.70 in
Length - Live Part Top	5.90 in
Length - Minimum Oil Immersion Level	17.50 in
Sealing Surface Inside Diameter	6.24 in
Sealing Surface Outside Diameter	10.13 in
Thickness	1.01 in
Top Terminal Min. Thread Length	5 in
Weight	291 lb
Width	12 in

Electrical Ratings

BIL	150 kV
Current Rating	5000 A
Minimum Creepage	55.2 in
Minimum Strike	21.2 in
Withstand Voltage - 60 Hz Dry kV Class	55 kV 26.4 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 - 725-00_7620-7204 Specifications - 150050T72500 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	



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