

SDC™ Composite Bushing - 26.4kV

By Electro Composites
Catalog # 150-012-T-135-03

SDC™ 26.4kV-1200 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Oil Applications, 10.5" Min. Oil Immersion Level/CT Pocket Length, 38.1" 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	1 1/2-12
Catalog Number	150-012-T-135-03
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 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	27.74 in
Below Flange Length	18.86 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	1.5 in
Diameter - Live Part Bottom	1.50 in



*Representative Image

Diameter - Live Part Top	3.00 in
Diameter - Rod / Tube	1.5 in
Dimensions	46.60 in x 8.50 in x 8.50 in
Effective Length - Bottom Terminal	3.50 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	8.5 in
Height	8.5 in
Length	46.6 in
Length - Ground Shield	10.50 in
Length - Insulated Section	37.5 in
Length - Insulation Above Flange	18.20 in
Length - Insulation Below Flange	4.06 in
Length - Live Part Bottom	4.30 in
Length - Live Part Top	4.80 in
Length - Minimum Oil Immersion Level	10.50 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	6.62 in
Thickness	1.325 in
Top Terminal Min. Thread Length	4 in
Weight	72 lb
Width	8.5 in

Electrical Ratings

BIL	150 kV
Current Rating	1200 A
Minimum Creepage	38.1 in
Minimum Strike	20.5 in
Withstand Voltage - 60 Hz Dry kV Class	70 kV
	26.4 kV

Certifications And Compliance

Industry Standard(s)	IEC 60137
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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 - 135-03_3342-5304](#)
[Specifications - 150012T13503](#)
[Video - ElectroComposites Factory Tour: St. Jerome](#)



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