

SDC™ Composite Bushing - 35kV

By Electro Composites
Catalog # 200-012-B-066-02

SDC™ 35kV-1200 A OCB Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per CSA C88.1, Bottom Connected for Air-to-Oil Applications, 17" Min. Oil Immersion Level/CT Pocket Length, 30.6" 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 CSA C88.1 Electrical and Mechanical Requirements

Application

OCB

General

Bottom Terminal Type	1 1/2-12
Catalog Number	200-012-B-066-02
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	19.5 in
Below Flange Length	31.5 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt; 1"	3.12 in
Diameter - Below Flange Maximum P	3.87 in
Diameter - Conductor Outside Under Insulation	1.25 in
Diameter - Live Part Bottom	1.50 in



*Representative Image

Diameter - Live Part Top	3.00 in
Diameter - Rod / Tube	1.5 in
Dimensions	51.00 in x 8.50 in x 8.50 in
Effective Length - Bottom Terminal	3.00 in
Effective Length - Top Terminal	3.00 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	51 in
Length - Ground Shield	17.00 in
Length - Insulated Section	42.2 in
Length - Insulation Above Flange	11.30 in
Length - Insulation Below Flange	10.10 in
Length - Live Part Bottom	4.40 in
Length - Live Part Top	4.40 in
Length - Minimum Oil Immersion Level	17.00 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	6.62 in
Thickness	0.935 in
Top Terminal Min. Thread Length	3 in
Weight	59 lb
Width	8.5 in

Electrical Ratings

BIL	200 kV
Current Rating	1200 A
Minimum Creepage	30.6 in
Minimum Strike	13.7 in
Withstand Voltage - 60 Hz Dry kV Class	95 kV
	35 kV

Certifications And Compliance

Industry Standard(s)	CSA C88.1
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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 - 066-02_7124-6712
Specifications - 200012B06602
Video - ElectroComposites Factory Tour: St. Jerome



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