

SDC™ Composite Bushing - 15kV

By Electro Composites
Catalog # 095-012-B-177-00

SDC™ 15kV-1200 A OCB Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Oil Applications, 21" Min. Oil Immersion Level/CT Pocket Length, 35.8" 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

OCB

General

Bottom Terminal Type	1 3/4-12
Catalog Number	095-012-B-177-00
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	4
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	1 3/4-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	21.8 in
Below Flange Length	30.75 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt; 1"	3.29 in
Diameter - Below Flange Maximum P	3.29 in
Diameter - Conductor Outside Under Insulation	1.75 in
Diameter - Live Part Bottom	1.75 in



*Representative Image

Diameter - Live Part Top	3.25 in
Diameter - Rod / Tube	1.75 in
Dimensions	52.50 in x 11.00 in x 11.00 in
Effective Length - Bottom Terminal	3.00 in
Effective Length - Top Terminal	3.00 in
Flange Mounting Hole Bolt Circle	9.5 in
Flange Mounting Hole Diameter	0.75 in
Flange Outside Diameter	11 in
Height	11 in
Length	52.5 in
Length - Ground Shield	21.00 in
Length - Insulated Section	44.5 in
Length - Insulation Above Flange	13.60 in
Length - Insulation Below Flange	5.65 in
Length - Live Part Bottom	4.10 in
Length - Live Part Top	3.90 in
Length - Minimum Oil Immersion Level	21.00 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	7.25 in
Thickness	0.77 in
Top Terminal Min. Thread Length	3 in
Weight	88 lb
Width	11 in

Electrical Ratings

BIL	95 kV
Current Rating	1200 A
Minimum Creepage	35.8 in
Minimum Strike	15.8 in
Withstand Voltage - 60 Hz Dry kV Class	38 kV

Certifications And Compliance

Industry Standard(s)	IEC 60137
----------------------	-----------

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 - 177-00_3998-2607_EN
Specifications - 095012B17700



A Hubbell brand

©2025 Hubbell Incorporated. All rights reserved
EC-095012B17700-SPEC-EN | REV 3/2025