

SDC™ Composite Bushing - 25kV

By Electro Composites
Catalog # 150-006-W-825-00

SDC™ 25kV-600 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 2" Ground Shield Length, 26.5" Min. Creepage Length



*Representative Image

Features

- SDC™ - Solid Dielectric Capacitance Graded Composite Construction
- EC-APG-02 Cycloaliphatic Epoxy Compound for Optimal Performance
- Meets IEEE C57.19.01 Electrical and Mechanical Requirements
- Can be mounted vertically or horizontally

Application

Wall/Floor

General

Bottom Terminal Type	1x Blade with 2x 0.40 Dia Holes
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Air
Material - Flange	Aluminum
Material - Insulation	APG-02 - Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Bolt Holes - Bottom Terminal	2
Number of Flange Mounting Holes	None
Plating - Bottom Terminal	Tin
Test Tap	No
Top Terminal Plating	Tin
Top Terminal Type	1 1/2-12
Type	Condenser Bushings

Dimensions

Above Flange Length	17.03 in
Below Flange Length	18.38 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt/> 1"	4.49 in
Diameter - Below Flange Maximum P	4.59 in
Diameter - Live Part Bottom	2.38 in
Diameter - Live Part Top	3.00 in
Effective Length - Bottom Terminal	2.00 in
Effective Length - Top Terminal	4.00 in
Flange Outside Diameter	7.50 in
Length	35.40 in
Length - Ground Shield	2.00 in
Length - Insulation Above Flange	9.00 in
Length - Insulation Below Flange	11.98 in
Length - Live Part Bottom	4.40 in
Length - Live Part Top	4.70 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	5.11 in
Sealing Surface Outside Diameter	7.50 in
Top Terminal Min. Thread Length	4.00 in
Weight	49 lb

Electrical Ratings

BIL	150 kV
Current Rating	600 A
Minimum Creepage	26.50 in
Minimum Creepage - Inside	21.30 in
Minimum Strike	11.50 in
Minimum Strike - Inside	13.30 in
Withstand Voltage - 60 Hz Dry	60 kV
kV Class	25 kV

Certifications and Compliance

Product Assets

Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites
Literature - Apparatus Bushings Selection Guide (TD02026E)
Literature - SDC™ GSU Bushings - Electro Composites (SF02018E)
Literature - SDC™ HV Generator Bushings - Electro Composites (SF02019E)
Literature - SDC™ HV Bushings - Electro Composites (SF02017E)
Literature - EC SDC Solid Dielectric Bushings v3
Literature - FRENCH V2 - EC Generation Bushings
Literature - FRENCH V2 - EC GSU Bushings
Literature - How an SDC Bushing Test Tap is Constructed
Sales Drawings - 825-00_8783-8008
Video - ElectroComposites Factory Tour: St. Jerome (VIO0124E)



A proud member of the Hubbell Family.