

SDC™ Composite Bushing - 26.4kV

By Electro Composites
Catalog # 150-012-W-001-01

SDC™ 26.4kV-1200 A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE/IEC, Bottom Connected for Air-to-Air Applications, 10" Ground Shield/CT Pocket Length, 26.1" Min. Creepage Length



*Representative Image

Features

- SDC™ - Solid Dielectric Capacitance Graded Composite Construction
- EC-APG-02 Cycloaliphatic Epoxy Compound for Optimal Performance
- Can be mounted vertically or horizontally

Application

Wall/Floor

General

Bottom Terminal Type	CONTACT DISC 1.25 DIA WITH 2X 5/16-18 HOLES ON 0.75 BC
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Air
Material - Flange	Epoxy
Material - Insulation	APG-02 - Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Bolt Holes - Bottom Terminal	2
Number of Flange Mounting Holes	4
Plating - Bottom Terminal	Silver
Test Tap	No
Top Terminal Plating	None
Top Terminal Type	1 1/4-12
Type	Condenser Bushings

Dimensions

Above Flange Length	14.41 in
Below Flange Length	20.32 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt/> 1"	4.49 in
Diameter - Below Flange Maximum P	4.99 in
Diameter - Live Part Bottom	1.25 in
Diameter - Live Part Top	2.75 in
Effective Length - Top Terminal	3.00 in
Flange Mounting Hole Bolt Circle	6.50 in
Flange Mounting Hole Diameter	1/2-13
Flange Outside Diameter Length	8.64 in
Length - Ground Shield	34.72 in
Length - Insulation Above Flange	10.00 in
Length - Insulation Below Flange	9.80 in
Length - Live Part Bottom	10.02 in
Length - Live Part Top	0.30 in
Length - Minimum Oil Immersion Level	4.40 in
Sealing Surface Inside Diameter	NA
Sealing Surface Outside Diameter	5.00 in
Top Terminal Min. Thread Length	7.55 in
Weight	3.00 in
	48 lb

Electrical Ratings

BIL	150 kV
Current Rating	1200 A
Minimum Creepage	26.10 in
Minimum Creepage - Inside	18.10 in
Minimum Strike	12.00 in
Minimum Strike - Inside	11.90 in
Withstand Voltage - 60 Hz Dry	60 kV
kV Class	26.4 kV

Certifications and Compliance

Industry Standard(s)

IEEE/IEC

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 - 001-01_1001-9995](#)
[Video - ElectroComposites Factory Tour: St. Jerome \(VI00124E\)](#)



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