

SDC™ Composite Bushing - 13.8KV

By Electro Composites
Catalog # [095-008-W-920-00](#)

SDC™ 13.8kV-800A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Air Applications, 1.0" Ground Shield Length, 13.8" Min. Creepage Length



*Representative Image

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 IEEE C57.19.01 Electrical and Mechanical Requirements

Application

Wall/Floor

General

Bottom Terminal Type	1-14
Catalog Number	095-008-W-920-00
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 Flange Mounting Holes	4
Plating - Bottom Terminal	Silver
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	1-14
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	11.91 in
Below Flange Length	10.69 in
Diameter - Above Flange Maximum	5.21 in
Diameter - Below Flange Maximum D <gt; 1"	2.76 in
Diameter - Below Flange Maximum P	2.98 in
Diameter - Conductor Outside Under Insulation	1.25 in
Diameter - Live Part Bottom	1.25 in

Diameter - Live Part Top	2.75 in
Diameter - Rod / Tube	1.25 in
Dimensions	22.60 in x 8.50 in x 8.50 in
Effective Length - Bottom Terminal	2.00 in
Effective Length - Top Terminal	2.00 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	8.5 in
Height	8.5 in
Length	22.6 in
Length - Drawlead Above Flange	NA
Length - Ground Shield	1.00 in
Length - Insulated Section	16.6 in
Length - Insulation Above Flange	5.70 in
Length - Insulation Below Flange	7.69 in
Length - Live Part Bottom	3.00 in
Length - Live Part Top	3.00 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	3.01 in
Sealing Surface Outside Diameter	6.37 in
Thickness	0.755 in
Top Terminal Min. Thread Length	2 in
Weight	20 lb
Width	8.5 in

Electrical Ratings

BIL	95 kV
Current Rating	800 A
Minimum Creepage	13.8 in
Minimum Creepage - Inside	8.1 in
Minimum Strike	6.9 in
Minimum Strike - Inside	7.3 in
Withstand Voltage - 60 Hz Dry kV Class	34 kV
	13.8 kV

Certifications And Compliance

Industry Standard(s)	IEEE C57.19.01	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 - SDC Bushing 13.8kV, 800A Model: 095-008-W-920-00 Specifications - 095008W92000 Video - ElectroComposites Factory Tour: St. Jerome
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		