

SDC™ Composite Bushing - 25KV

By Electro Composites
Catalog # 125-012-W-906-00

SDC™ 25kV-1200A Wall/Floor Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Air Applications, 1.5" Ground Shield Length, 30.6" 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 IEC 60137 Electrical and Mechanical Requirements

Application

Wall/Floor

General

Bottom Terminal Type	1X Blade With 2X 0.44 Dia Holes
Catalog Number	125-012-W-906-00
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 Bolt Holes - Bottom Terminal	2
Number of Flange Mounting Holes	None
Plating - Bottom Terminal	Silver
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	20 in
Below Flange Length	15.25 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt; 1"	4.49 in
Diameter - Below Flange Maximum P	4.49 in

Diameter - Conductor Outside Under Insulation	1.5 in
Diameter - Live Part Bottom	3.00 in
Diameter - Live Part Top	3.00 in
Diameter - Rod / Tube	1.5 in
Dimensions	35.25 in x 7.47 in x 7.47 in
Effective Length - Bottom Terminal	2.50 in
Effective Length - Top Terminal	4.00 in
Flange Outside Diameter	7.47 in
Height	7.47 in
Length	35.25 in
Length - Drawlead Above Flange	NA
Length - Ground Shield	1.50 in
Length - Insulated Section	25.7 in
Length - Insulation Above Flange	11.30 in
Length - Insulation Below Flange	10.55 in
Length - Live Part Bottom	4.70 in
Length - Live Part Top	4.90 in
Length - Minimum Oil Immersion Level	NA
Sealing Surface Inside Diameter	5.11 in
Sealing Surface Outside Diameter	7.47 in
Thickness	1.495 in
Top Terminal Min. Thread Length	4 in
Weight	23.6 lb
Width	7.47 in

Electrical Ratings

BIL	125 kV
Current Rating	1200 A
Minimum Creepage	30.6 in
Minimum Creepage - Inside	15.2 in
Minimum Strike	13.5 in
Minimum Strike - Inside	9.8 in
Withstand Voltage - 60 Hz Dry kV Class	50 kV 25 kV

Certifications And Compliance

Industry Standard(s)	IEC 60137	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 Traversée 25kV, 1200A Modèle: 125-012-W-906-00 Specifications - 125012W90600 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		



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