

HUBBELL

Power Systems

SDC™ Composite Bushing - 15kV

By Electro Composites
 Catalog # 110-080-G-731-00

SDC™ 15kV-8000 A GSU Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per CSA C88.1, Bottom Connected for Air-to-Oil Applications, 10" Min. Oil Immersion Level/CT Pocket Length, 20.7" Min. Creepage Length



*Representative Image

Features

- SDC™ - Solid Dielectric Capacitance Graded Composite Construction
- EC-APG-15NA High Temperature Cycloaliphatic Epoxy Compound for high temperature applications
- No oil, paper or porcelain
- Can be mounted vertically or horizontally
- Meets CSA C88.1 Electrical and Mechanical Requirements

General

Application	GSU
Bottom Terminal Type	2x Blades with 9x 1/2-13 Holes
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	APG-15NA - High Temp Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Bolt Holes - Bottom Terminal	18
Number of Bolt Holes - Top Terminal	16
Number of Flange Mounting Holes	8
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	4x Blades with 0.55 Dia Holes
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	17.1 in
Below Flange Length	23 in
Diameter - Above Flange Maximum	13.00 in
Diameter - Below Flange Maximum D <gt;/> 1"	8.38 in
Diameter - Below Flange Maximum P	8.38 in
Diameter - Live Part Bottom	8.38 in
Diameter - Live Part Top	9.81 in
Dimensions	40.10 in x 16.75 in x 16.75 in
Effective Length - Bottom Terminal	5.08 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	15 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	16.75 in
Height	16.75 in
Length	40.1 in
Length - Ground Shield	10.00 in
Length - Insulation Above Flange	8.40 in
Length - Insulation Below Flange	6.30 in
Length - Live Part Bottom	6.70 in
Length - Live Part Top	4.80 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Inside Diameter	9.87 in
Sealing Surface Outside Diameter	14.12 in
Weight	250 lb
Width	16.75 in

Electrical Ratings

BIL	110 kV
Current Rating	8000 A
Minimum Creepage	20.7 in
Minimum Strike	9.4 in
Withstand Voltage - 60 Hz Dry	50 kV
kV Class	15 kV

Certifications And Compliance

Industry Standard(s) CSA C88.1

Product Assets

[Installation Manuals - SDC™ Bushing General Handling and](#)

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 731-00_7543-7239](#)

[Video - ElectroComposites Factory Tour: St. Jerome](#)



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
EC-110080G73100-SPEC-EN | REV 6/2024