

HUBBELL

Power Systems

SDC™ Composite Bushing - 25kV

By Electro Composites
 Catalog # [150-075-G-653-00](#)

SDC™ 25kV-7500 A GSU Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 10" Min. Oil Immersion Level/CT Pocket Length, 37" 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 IEEE C57.19.01/C57.19.04 Electrical and Mechanical Requirements

General

Application	GSU
Bottom Terminal Type	1x Blade with 6x 0.69 Dia 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	6
Number of Bolt Holes - Top Terminal	24
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	Silver
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	4x Blades with 6x 0.69 Dia Holes
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	22.38 in
Below Flange Length	21.5 in
Diameter - Above Flange Maximum	13.00 in
Diameter - Below Flange Maximum D <gt;/> 1"	8.38 in
Diameter - Below Flange Maximum P	8.91 in
Diameter - Live Part Bottom	8.38 in
Diameter - Live Part Top	9.91 in
Dimensions	43.88 in x 14.75 in x 14.75 in
Effective Length - Bottom Terminal	4.28 in
Effective Length - Top Terminal	3.88 in
Flange Mounting Hole Bolt Circle	13.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	14.75 in
Height	14.75 in
Length	43.88 in
Length - Ground Shield	10.00 in
Length - Insulation Above Flange	14.10 in
Length - Insulation Below Flange	5.72 in
Length - Live Part Bottom	5.78 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	12.37 in
Weight	270.5 lb
Width	14.75 in

Electrical Ratings

BIL	150 kV
Current Rating	7500 A
Minimum Creepage	37 in
Minimum Strike	15 in
Withstand Voltage - 60 Hz Dry	60 kV
kV Class	25 kV

Certifications And Compliance

Industry Standard(s) IEEE C57.19.01/C57-19.04

Product Assets

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

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 653-00_7230-6754](#)

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



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