

# HUBBELL

## Power Systems

### SDC™ Composite Bushing - 25kV

By Electro Composites  
 Catalog # [150-060-G-1093-00](#)

SDC™ 25kV-6000 A GSU Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 19.3" Min. Oil Immersion Level/CT Pocket Length, 25.3" Min. Creepage Length



#### 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	5 1/2-12
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 Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	5.38 DIA SMOOTH
Type	SDC - Solid Dielectric Capacitor

#### Dimensions

Above Flange Length	20.8 in
Below Flange Length	30.38 in
Diameter - Above Flange Maximum	13.00 in
Diameter - Below Flange Maximum D > 1"	8.38 in
Diameter - Below Flange Maximum P	8.91 in
Diameter - Live Part Bottom	8.38 in
Diameter - Live Part Top	8.88 in
Dimensions	51.20 in x 14.75 in x 14.75 in
Effective Length - Bottom Terminal	5.00 in
Effective Length - Top Terminal	6.00 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	51.2 in
Length - Ground Shield	19.30 in
Length - Insulation Above Flange	9.80 in
Length - Insulation Below Flange	4.63 in
Length - Live Part Bottom	6.50 in
Length - Live Part Top	7.50 in
Length - Minimum Oil Immersion Level	19.30 in
Sealing Surface Inside Diameter	9.87 in
Sealing Surface Outside Diameter	12.37 in
Weight	328 lb
Width	14.75 in

#### Electrical Ratings

BIL	150 kV
Current Rating	6000 A
Minimum Creepage	25.3 in
Minimum Strike	11.3 in
Withstand Voltage - 60 Hz Dry kV Class	60 kV 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 - 1093-00\\_8508-10347](#)



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