

# HUBBELL

## Power Systems

### SDC™ Composite Bushing - 25KV

By Electro Composites  
 Catalog # 150-015-T-860-01

SDC™ 25kV-1500A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 14.0" Min.Oil Immersion Level/CT Pocket, 21.1" 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

#### General

Application	Transformer
Bottom Terminal Type	1.00 Dia Smooth
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	APG-02 - Cycloaliphatic Epoxy
Mounting Position	Vertical to Horizontal
Number of Flange Mounting Holes	8
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	None
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

#### Dimensions

Above Flange Length	16.5 in
Below Flange Length	26 in
Diameter - Above Flange Maximum	5.21 in
Diameter - Below Flange Maximum D > 1"	2.76 in
Diameter - Below Flange Maximum P	2.76 in
Diameter - Live Part Bottom	1.50 in
Diameter - Live Part Top	3.00 in
Dimensions	42.50 in x 7.00 in x 7.00 in
Effective Length - Bottom Terminal	6.25 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	5.87 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	7 in
Height	7 in
Length	42.5 in
Length - Drawlead Above Flange	NA
Length - Ground Shield	14.00 in
Length - Insulation Above Flange	9.80 in
Length - Insulation Below Flange	18.30 in
Length - Live Part Bottom	7.70 in
Length - Live Part Top	3.20 in
Length - Minimum Oil Immersion Level	14.00 in
Sealing Surface Inside Diameter	3.01 in
Sealing Surface Outside Diameter	5.24 in
Top Terminal Min. Thread Length	2.5 in
Weight	40 lb
Width	7 in

## Electrical Ratings

BIL	150 kV
Current Rating	1500 A
Minimum Creepage	21.1 in
Minimum Creepage - Inside	NA
Minimum Strike	10.8 in
Minimum Strike - Inside	NA
Withstand Voltage - 60 Hz Dry	60 kV
kV Class	25 kV

## Certifications And Compliance

Industry Standard(s) IEEE C57.19.01

## Product Assets

[Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites](#)  
[Literature - SDC™ HV Bushings - Electro Composites](#)  
[Sales Drawings - SDC Bushing 25kV, 1500A Model: 150-015-T-860-01](#)  
[Video - ElectroComposites Factory Tour: St. Jerome](#)



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