

# HUBBELL

## Power Systems

### SDC™ Composite Bushing - 26.4kV

By Electro Composites  
 Catalog # [150-035-T-725-01](#)

SDC™ 26.4kV-3500 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Oil Applications, 17.5" Min. Oil Immersion Level/CT Pocket Length, 55.4" 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 IEC 60137 Electrical and Mechanical Requirements

#### General

Application	Transformer
Bottom Terminal Type	1x Blade with 4x 0.66 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	4
Number of Flange Mounting Holes	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Tin
Top Terminal Type	4-12
Type	SDC - Solid Dielectric Capacitor

#### Dimensions

Above Flange Length	27.5 in
Below Flange Length	28 in
Diameter - Above Flange Maximum	11.13 in
Diameter - Below Flange Maximum D > 1"	6.02 in
Diameter - Below Flange Maximum P	6.02 in
Diameter - Live Part Bottom	4.00 in
Diameter - Live Part Top	5.50 in
Dimensions	55.50 in x 12.00 in x 12.00 in
Effective Length - Bottom Terminal	4.19 in
Effective Length - Top Terminal	5.00 in
Flange Mounting Hole Bolt Circle	10.88 in
Flange Mounting Hole Diameter	0.75 in
Flange Outside Diameter	12 in
Height	12 in
Length	55.5 in
Length - Ground Shield	17.50 in
Length - Insulation Above Flange	18.20 in
Length - Insulation Below Flange	4.80 in
Length - Live Part Bottom	5.70 in
Length - Live Part Top	5.90 in
Length - Minimum Oil Immersion Level	17.50 in
Sealing Surface Inside Diameter	6.24 in
Sealing Surface Outside Diameter	10.13 in
Top Terminal Min. Thread Length	5 in
Weight	292 lb
Width	12 in

## Electrical Ratings

BIL	150 kV
Current Rating	3500 A
Minimum Creepage	55.4 in
Minimum Strike	20.9 in
Withstand Voltage - 60 Hz Dry	55 kV
kV Class	26.4 kV

## Certifications And Compliance

Industry Standard(s) IEC 60137

## Product Assets

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

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 725-01\\_1296-9883](#)

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



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