

# HUBBELL

## Power Systems

### SDC™ Composite Bushing - 15kV

By Electro Composites  
 Catalog # 110-040-T-724-02

SDC™ 15kV-4000 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Oil Applications, 21" Min. Oil Immersion Level/CT Pocket Length, 20.1" 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 IEC 60137 Electrical and Mechanical Requirements

#### General

Application	Transformer
Bottom Terminal Type	3-12
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	6
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	3-12
Type	SDC - Solid Dielectric Capacitor

#### Dimensions

Above Flange Length	16.25 in
Below Flange Length	29 in
Diameter - Above Flange Maximum	10.13 in
Diameter - Below Flange Maximum D <gt;/> 1"	5.02 in
Diameter - Below Flange Maximum P	5.02 in
Diameter - Live Part Bottom	3.00 in
Diameter - Live Part Top	4.50 in
Dimensions	45.25 in x 10.63 in x 10.63 in
Effective Length - Bottom Terminal	3.00 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	9.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	10.63 in
Height	10.63 in
Length	45.25 in
Length - Ground Shield	21.00 in
Length - Insulation Above Flange	6.70 in
Length - Insulation Below Flange	3.60 in
Length - Live Part Bottom	4.40 in
Length - Live Part Top	5.90 in
Length - Minimum Oil Immersion Level	21.00 in
Sealing Surface Inside Diameter	5.11 in
Sealing Surface Outside Diameter	8.37 in
Top Terminal Min. Thread Length	4 in
Weight	148 lb
Width	10.63 in

## Electrical Ratings

BIL	110 kV
Current Rating	4000 A
Minimum Creepage	20.1 in
Minimum Strike	9.7 in
Withstand Voltage - 60 Hz Dry	50 kV
kV Class	15 kV

## Certifications And Compliance

Industry Standard(s) IEC 60137

## Product Assets

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

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 724-02\\_4334-9279](#)

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



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved  
EC-110040T72402-SPEC-EN | REV 6/2024