

HUBBELL

Power Systems

SDC™ Composite Bushing - 26.4kV

By Electro Composites
 Catalog # 125-012-T-836-00

SDC™ 26.4kV-1200 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Oil Applications, 16.5" Min. Oil Immersion Level/CT Pocket Length, 36.5" 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	1 1/2-12
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	4
Plating - Bottom Terminal	None
Test Tap	Yes
Top Terminal Plating	Tin
Top Terminal Type	1 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	28.27 in
Below Flange Length	26.13 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt;/> 1"	3.12 in
Diameter - Below Flange Maximum P	3.40 in
Diameter - Live Part Bottom	1.50 in
Diameter - Live Part Top	3.00 in
Dimensions	54.40 in x 10.61 in x 14.99 in
Effective Length - Bottom Terminal	3.13 in
Effective Length - Top Terminal	4.00 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	7.5 in ²
Height	14.99 in
Length	54.4 in
Length - Ground Shield	16.50 in
Length - Insulation Above Flange	18.20 in
Length - Insulation Below Flange	5.53 in
Length - Live Part Bottom	4.10 in
Length - Live Part Top	4.80 in
Length - Minimum Oil Immersion Level	16.50 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	6.37 in
Top Terminal Min. Thread Length	4 in
Weight	79 lb
Width	10.61 in

Electrical Ratings

BIL	125 kV
Current Rating	1200 A
Minimum Creepage	36.5 in
Minimum Strike	20.6 in
Withstand Voltage - 60 Hz Dry	50 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 - 836-00_8791-8118](#)

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



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