

HUBBELL Power Systems

SDC™ Composite Bushing - 15kV

By Electro Composites
Catalog # 110-030-T-217-01

SDC™ 15kV-3000 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 7" Min. Oil Immersion Level/CT Pocket Length, 13.7" 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

Application

Transformer

General

Bottom Terminal Type	2 1/2-12
Catalog Number	110-030-T-217-01
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	None
Top Terminal Type	2 1/2-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	12.88 in
Below Flange Length	15.63 in
Diameter - Above Flange Maximum	10.13 in
Diameter - Below Flange Maximum D <gt/> 1"	4.15 in
Diameter - Below Flange Maximum P	4.15 in
Diameter - Live Part Bottom	2.50 in
Diameter - Live Part Top	4.00 in
Dimensions	28.50 in x 9.50 in x 9.50 in

Effective Length - Bottom Terminal	3.50 in
Effective Length - Top Terminal	3.00 in
Flange Mounting Hole Bolt Circle	8.25 in
Flange Mounting Hole Diameter	0.63 in
Flange Outside Diameter	9.5 in
Height	9.5 in
Length	28.5 in
Length - Ground Shield	7.00 in
Length - Insulation Above Flange	4.40 in
Length - Insulation Below Flange	4.13 in
Length - Live Part Bottom	4.50 in
Length - Live Part Top	4.64 in
Length - Minimum Oil Immersion Level	7.00 in
Sealing Surface Inside Diameter	4.37 in
Sealing Surface Outside Diameter	7.62 in
Top Terminal Min. Thread Length	3 in
Weight	70 lb
Width	9.5 in

Electrical Ratings

BIL	110 kV
Current Rating	3000 A
Minimum Creepage	13.7 in
Minimum Strike	7.6 in
Withstand Voltage - 60 Hz Dry kV Class	50 kV
	15 kV

Certifications And Compliance

Industry Standard(s)	IEEE C57.19.01
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Product Assets

[Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites](#)
[Sales Drawings - 217-01_9204-9262](#)
[Specifications - 110-030-T-217-01](#)
[Specifications - EC-110-030-T-217-01-SPEC-EN](#)



A Hubbell brand