

SDC™ Composite Bushing - 15 kV

By Electro Composites
Catalog # 110-012-T-248-04

SDC™ 15kV-1200A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Bottom-Drawlead Connected for Air-to-Oil Applications, 10.0" Min.Oil Immersion Level/CT Pocket, 21.8" Min. Creepage Length



*Representative Image

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 IEEE C57.19.01 Electrical and Mechanical Requirements

Application

Transformer

General

Bottom Terminal Type	1 1/8-12
Catalog Number	110-012-T-248-04
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 Flange Mounting Holes	4
Plating - Bottom Terminal	none
Test Tap	Yes
Top Terminal Plating	Silver
Top Terminal Type	1 1/8-12
Type	SDC - Solid Dielectric Capacitor

Dimensions

Above Flange Length	14.9 in
Below Flange Length	16.5 in
Diameter - Above Flange Maximum	8.64 in
Diameter - Below Flange Maximum D <gt; 1"	2.37 in
Diameter - Below Flange Maximum P	2.37 in
Diameter - Conductor Outside Under Insulation	1.13 in

Diameter - Live Part Bottom	1.13 in
Diameter - Live Part Top	2.63 in
Diameter - Rod / Tube	1.13 in
Dimensions	31.38 in x 7.25 in x 7.25 in
Effective Length - Bottom Terminal	1.50 in
Effective Length - Top Terminal	2.13 in
Flange Mounting Hole Bolt Circle	6 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	7.25 in
Height	7.25 in
Length	31.38 in
Length - Ground Shield	10.00 in
Length - Insulated Section	16.1 in
Length - Insulation Above Flange	6.80 in
Length - Insulation Below Flange	4.4 in
Length - Live Part Bottom	2.1 in
Length - Live Part Top	3.20 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Inside Diameter	3.14 in
Sealing Surface Outside Diameter	5.12 in
Thickness	0.62 in
Top Terminal Min. Thread Length	2.13 in
Weight	30 lb
Width	7.25 in

Electrical Ratings

BIL	110 kV
Current Rating	1200 A
Minimum Creepage	21.8 in
Minimum Strike	9.8 in
Withstand Voltage - 60 Hz Dry kV Class	50 kV

Certifications And Compliance

Industry Standard(s)	IEEE C57.19.01
----------------------	----------------

Product Assets

Catalogs - Electro Composites SDC™ composite bushings
Installation Manuals - SDC™ Bushing General Handling and
Maintenance Guide - Electro Composites
Literature - SDC™ HV Generator Bushings - Electro Composites
Literature - How an SDC Bushing Test Tap is Constructed
Literature - TRAVERSÉE SDC™ ÉLECTRO COMPOSITES DE TYPE
GSU

Literature - SDC™ GSU Bushings - Electro Composites
Literature - TRAVERSÉE SDC™ ÉLECTRO COMPOSITES POUR
GÉNÉRATEUR
Literature - Apparatus Bushings Selection Guide
Literature - ÉLECTRO COMPOSITES TRAVERSÉE HAUTE
TENSION SDC™
Literature - SDC™ HV Bushings - Electro Composites
Sales Drawings - 248-04_4616-10164
Specifications - 110012T24804



A Hubbell brand

©2025 Hubbell Incorporated. All rights reserved
EC-110012T24804-SPEC-EN | REV 3/2025