

HUBBELL

Power Systems

SDC™ Composite Bushing - 69KV

By Electro Composites
 Catalog # [350-004-T-885-00](#)

SDC™ 69kV-400DL A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEEE C57.19.01, Drawlead Connected for Air-to-Oil Applications, 21.0" Min.Oil Immersion Level/CT Pocket, 89.4" 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

General

| | |
|---------------------------------|----------------------------------|
| Application | Transformer |
| Bottom Terminal Type | None |
| 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 | 1 1/8-12 |
| Type | SDC - Solid Dielectric Capacitor |

Dimensions

| | |
|----------------------------------------|--------------------------------|
| Above Flange Length | 45.27 in |
| Below Flange Length | 38.13 in |
| Diameter - Above Flange Maximum | 8.64 in |
| Diameter - Below Flange Maximum D > 1" | 4.15 in |
| Diameter - Below Flange Maximum P | 4.15 in |
| Diameter - Live Part Bottom | 1.25 in |
| Diameter - Live Part Top | 3.00 in |
| Dimensions | 83.40 in x 15.50 in x 15.50 in |
| Effective Length - Bottom Terminal | 0.00 in |
| Effective Length - Top Terminal | 2.50 in |
| Flange Mounting Hole Bolt Circle | 13.75 in |
| Flange Mounting Hole Diameter | 0.88 in |
| Flange Outside Diameter | 15.5 in |
| Height | 15.5 in |
| Length | 83.4 in |
| Length - Drawlead Above Flange | 41.69 in |
| Length - Ground Shield | 21.00 in |
| Length - Insulation Above Flange | 36.60 in |
| Length - Insulation Below Flange | 36.43 in |
| Length - Live Part Bottom | 1.70 in |
| Length - Live Part Top | 5.00 in |
| Length - Minimum Oil Immersion Level | 21.00 in |
| Sealing Surface Inside Diameter | 4.37 in |
| Sealing Surface Outside Diameter | 12.87 in |
| Stud Inside Diameter | 1 in |
| Thread Size - Drawlead Connector | 3/4-12 |
| Top Terminal Min. Thread Length | 2.5 in |
| Weight | 100 lb |
| Width | 15.5 in |

Electrical Ratings

| | |
|-------------------------------|---------|
| BIL | 350 kV |
| Current Rating | 400 A |
| Minimum Creepage | 89.4 in |
| Minimum Creepage - Inside | NA |
| Minimum Strike | 38.6 in |
| Minimum Strike - Inside | NA |
| Withstand Voltage - 60 Hz Dry | 160 kV |
| kV Class | 69 kV |

Certifications And Compliance

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

Product Assets

- [Installation Manuals - SDC™ Bushing General Handling and Maintenance Guide - Electro Composites](#)
- [Literature - SDC™ HV Bushings - Electro Composites](#)
- [Sales Drawings - 885-00_5247-8502](#)
- [Sales Drawings - SDC Bushing 69kV, 400A Model: 350-004-T-885-00](#)
- [Video - ElectroComposites Factory Tour: St. Jerome](#)



A Hubbell brand