

HUBBELL

Power Systems

SDC™ Composite Bushing - 35kV

By Electro Composites
 Catalog # [200-012-T-626-01](#)

SDC™ 35kV-1200 A Transformer Condenser Bushing, Solid-Dielectric-Capacitor Type, Rated per IEC 60137, Bottom Connected for Air-to-Oil Applications, 10" Min. Oil Immersion Level/CT Pocket Length, 38.2" 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 | 26.55 in |
| Below Flange Length | 20.75 in |
| Diameter - Above Flange Maximum | 8.64 in |
| Diameter - Below Flange Maximum D <gt;/> 1" | 4.15 in |
| Diameter - Below Flange Maximum P | 4.26 in |
| Diameter - Live Part Bottom | 1.50 in |
| Diameter - Live Part Top | 3.00 in |
| Dimensions | 47.30 in x 8.50 in x 8.50 in |
| Effective Length - Bottom Terminal | 2.50 in |
| Effective Length - Top Terminal | 4.00 in |
| Flange Mounting Hole Bolt Circle | 7.25 in |
| Flange Mounting Hole Diameter | 0.63 in |
| Flange Outside Diameter | 8.5 in |
| Height | 8.5 in |
| Length | 47.3 in |
| Length - Ground Shield | 10.00 in |
| Length - Insulation Above Flange | 18.20 in |
| Length - Insulation Below Flange | 6.85 in |
| Length - Live Part Bottom | 3.90 in |
| Length - Live Part Top | 4.80 in |
| Length - Minimum Oil Immersion Level | 10.00 in |
| Sealing Surface Inside Diameter | 4.37 in |
| Sealing Surface Outside Diameter | 6.62 in |
| Top Terminal Min. Thread Length | 4 in |
| Weight | 71 lb |
| Width | 8.5 in |

Electrical Ratings

| | |
|-------------------------------|---------|
| BIL | 200 kV |
| Current Rating | 1200 A |
| Minimum Creepage | 38.2 in |
| Minimum Strike | 20.5 in |
| Withstand Voltage - 60 Hz Dry | 95 kV |
| kV Class | 35 kV |

Certifications And Compliance

Industry Standard(s) IEC 60137

Product Assets

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

[Maintenance Guide - Electro Composites](#)

[Sales Drawings - 626-01_7349-7059](#)

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



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