

## PRC 85 Series Bushing - 50kV

By PCORE Electric  
Catalog # [B-85412-70](#)

PRC® 50kV-1200A Transformer-Circuit Breaker Bushing, Paper-Resin-Capacitor Type, Rated per CSA C88.1, Bottom Connected for Air-to-Oil Applications, 10.00" Min. Oil Immersion Level



\*Representative Image

### Features

- Resin-impregnated paper wound core with external porcelain insulator
- High creep upper porcelain, High seismic

### Application

Transformer-Oil Circuit Breaker

### General

Bottom Terminal Type	Threaded
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	Porcelain
Mounting Position	Vertical
Number of Flange Mounting Holes	4
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

### Dimensions

Above Flange Length	26.88 in
Below Flange Length	22.75 in
Diameter - Below Flange Maximum D <gt;/> 1"	4.00 in
Diameter - Below Flange Maximum P	4.50 in
Diameter - Bottom Terminal Outside	1 1/2-12
Diameter - Live Part Top	4.50 in
Diameter - Top Terminal Outside	1 1/2-12
Effective Length - Bottom Terminal	2.12 in
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	8.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	10.62 in
Length	49.62 in
Length - Ground Shield	10.00 in
Length - Live Part Top	4.06 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Outside Diameter	7.25 in
Weight	94 lb

### Electrical Ratings

BIL	250 kV
Current Rating	1200 A
Minimum Creepage	49 in
Minimum Strike	22.00 in
kV Class	50 kV

### Certifications and Compliance

Industry Standard(s)	CSA
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### Product Assets

[Installation Manuals - Instruction Manual for PRC® Bushings \(B-303339 rev 07-14-20\)](#)  
[Sales Drawings - PRC Bushing \(85412\\_and\\_70\)](#)

### Related Products



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