

HUBBELL

Power Systems

PRC 85 Series Bushing - 50kV

By PCORE Electric
 Catalog # [B-85413-70](#)

PRC® 50kV-1200A Transformer-Circuit Breaker Bushing, Paper-Resin-Capacitor Type, Rated per CSA C88.1, Bottom Connected for Air-to-Oil Applications, 21.62" Min. Oil Immersion Level



*Representative Image

Features

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

General

Application	Transformer-Oil Circuit Breaker
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	34.38 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	61.25 in
Length - Ground Shield	21.62 in
Length - Live Part Top	4.06 in
Length - Minimum Oil Immersion Level	21.62 in
Sealing Surface Outside Diameter	7.25 in
Weight	102 lb

Electrical Ratings

BIL	250 kV
Current Rating	1200 A
Minimum Creepage	49 in
Minimum Strike	22 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](#)
[Sales Drawings - PRC Bushing](#)



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