HUBBELL
Power Systems

PRC™ Oil-Free Series Bushing - 46kV

By PCORE Electric
Catalog # PRC250F0412A

*Representative Image

PRC® 46kV-400A/1200A Transformer-Circuit Breaker Bushing, Oil-Free Paper-Resin-Capacitor Type, Rated per IEEE C57.19.01, Draw-Lead/Bottom Connected for Air-to-Oil Applications, 21.00" Min. Oil Immersion Level

Features

- Oil Free, 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 w/ Hole
Catalog Number	PRC250F0412A
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	Porcelain
Mounting Position	Any
Number of Flange Mounting Holes	4
Number of Sheds	9
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

Dimensions

Above Flange Length	28.62 in
Below Flange Length	33.5 in
Diameter - Above Flange Maximum	9.25 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 - Conductor Outside Under Insulation	0.88 in
Diameter - Live Part Top	4.75 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	62.12 in
Length - Drawlead Above Flange	24.75 in
Length - Ground Shield	21.00 in
Length - Live Part Top	6.81 in
Length - Minimum Oil Immersion Level	21.00 in
Sealing Surface Outside Diameter	7.25 in
Stud Inside Diameter	0.88 in
Thickness - Flange Plate	0.75 in
Weight	138 lb

Electrical Ratings

BIL	250 kV
Current Rating	• 400 A • 1200 A
Minimum Creepage	49 in
Minimum Strike	20 in
kV Class	46 kV

Certifications And Compliance

Industry Standard(s)	IEEE

Product Assets

Installation Manuals - Instruction Manual for PRC® Bushings
Literature - Oil-Free PRC Bushings - PCORE
Sales Drawings - PRC Bushing Oil-Free
Specifications - PRC250F0412A

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