

HUBBELL

Power Systems

PRC 86 Series Bushing - 145kV

By PCORE Electric
 Catalog # [B-86210-70](#)

POC® 145kV-1200A Transformer-Circuit Breaker Bushing, Paper-Resin-Capacitor Type, Rated per CSA C88.1, Bottom Connected for Air-to-Oil Applications, 23.62" Min. Oil Immersion Level



Features

- Paper oil capacitor wound core with external porcelain insulator
- High creep upper porcelain, High seismic

General

Application	Transformer-Oil Circuit Breaker
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	8
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

Dimensions

Above Flange Length	71 in
Below Flange Length	44 in
Diameter - Below Flange Maximum D > 1"	8.75 in
Diameter - Below Flange Maximum P	8.75 in
Diameter - Bottom Terminal Bolt Circle	5.00 in
Diameter - Bottom Terminal Bolt Holes	M12 x 1.75 in
Diameter - Bottom Terminal Outside	6.50 in
Diameter - Live Part Top	9.25 in
Diameter - Top Terminal Outside	1 1/2-12
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	15 in
Flange Mounting Hole Diameter	1 in
Flange Outside Diameter	16.5 in
Length	115 in
Length - Ground Shield	23.62 in
Length - Live Part Top	8.56 in
Length - Minimum Oil Immersion Level	23.62 in
Sealing Surface Outside Diameter	13.88 in
Stud Inside Diameter	1.62 in
Weight	525 lb

Electrical Ratings

BIL	650 kV
Current Rating	1200 A
Minimum Creepage	119.5 in
Minimum Strike	56 in
kV Class	145 kV

Certifications And Compliance

Industry Standard(s)

CSA

Product Assets

[Installation Manuals - Instruction Manual for POC® Bushings](#)

[Sales Drawings - POC Bushing](#)



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