

HUBBELL

Power Systems

POC Series II Bushing - 138kV

By PCORE Electric
 Catalog # [POC650G3000S](#)

POC® 1138V-3000A Transformer-Circuit Breaker Bushing, Paper-Oil-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 23.00" 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	6
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

Dimensions

Above Flange Length	66 in
Below Flange Length	46.75 in
Diameter - Below Flange Maximum D <gt/> 1"	8.25 in
Diameter - Below Flange Maximum P	8.00 in
Diameter - Bottom Terminal Bolt Circle	3.75 in & 6.75 in
Diameter - Bottom Terminal Bolt Holes	3/8-16 & 1/2-13
Diameter - Bottom Terminal Outside	8.25 in
Diameter - Live Part Top	9.25 in
Diameter - Top Terminal Outside	2-12
Dimensions	112.75 in x 16.25 in x 112.75 in
Effective Length - Top Terminal	3.00 in
Flange Mounting Hole Bolt Circle	14.25 in
Flange Mounting Hole Diameter	1.25 in
Flange Outside Diameter	16.25 in
Height	112.75 in
Length	112.75 in
Length - Ground Shield	23.00 in
Length - Live Part Top	7.50 in
Length - Minimum Oil Immersion Level	23.00 in
Sealing Surface Outside Diameter	12.88 in
Weight	465 lb
Width	16.25 in

Electrical Ratings

BIL	650 kV
Current Rating	3000 A
Minimum Creepage	126 in
Minimum Strike	54 in
kV Class	138 kV

Certifications And Compliance

Industry Standard(s)

IEEE

Product Assets

Catalogs - PCORE® Capacitance-Graded Bushings, Test
Terminals and Services

Installation Manuals - Instruction Manual for POC® Bushings

Sales Drawings - Transformer- Breaker Interchangeable



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