

POC Series II Bushing - 138kV

By PCORE Electric
Catalog # [POC650G0800S](#)

POC® 138kV-800A Transformer Bushing, Paper-Oil-Capacitor Type, Rated per IEEE C57.19.01, Draw-lead Connected for Air-to-Oil Applications, 23.00" Min. Oil Immersion Level



*Representative Image

Features

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

Application

Transformer

General

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	66.62 in
Below Flange Length	46.75 in
Diameter - Below Flange Maximum D <gt/> 1"	8.00 in
Diameter - Below Flange Maximum P	8.00 in
Diameter - Live Part Top	9.25 in
Diameter - Top Terminal Outside	1 1/2-12
Dimensions	113.38 in x 16.25 in x 113.38 in
Effective Length - Top Terminal	2.00 in
Flange Mounting Hole Bolt Circle	14.25 in
Flange Mounting Hole Diameter	1.25 in
Flange Outside Diameter	16.25 in
Height	113.38 in
Length	113.38 in
Length - Drawlead Above Flange	62.38 in
Length - Ground Shield	23.00 in
Length - Live Part Top	8.06 in
Length - Minimum Oil Immersion Level	23.00 in
Sealing Surface Outside Diameter	12.88 in
Stud Inside Diameter	1.62 in
Weight	375 lb
Width	16.25 in

Electrical Ratings

BIL	650 kV
Current Rating	800 A
Minimum Creepage	126 in
Minimum Strike	54.00 in
kV Class	138 kV

Certifications and Compliance

Industry Standard(s)	IEEE
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Product Assets

[Catalogs - PCORE® Capacitance-Graded Bushings, Test Terminals and Services \(CA02038E\)](#)

Installation Manuals - Instruction Manual for POC® Bushings
(B-53744)
Sales Drawings - Transformer- Breaker Interchangeable
(POC650_0800S)

Related Products

B-63037-AF - Seismically Enhanced Test (SET) Terminal -
3000A



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