

**HV PRC Polymer Bushing - 138kV**

By PCORE Electric  
Catalog # [PRC650P0800S](#)

PRC® 138kV-800A Transformer-Circuit Breaker Polymer Bushing, Paper-Resin-Capacitor Type, Rated per IEEE C57.19.01, Draw lead connected for Air-to-Oil Applications, 23.00" Min. Oil Immersion Level

**Features**

- Resin-impregnated paper wound core with external polymer (silicon) insulator
- High creep upper porcelain, High seismic, oil free

**Application**

Transformer-Oil Circuit Breaker

**General**

Catalog Number	PRC650P0800S
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	Polymer (Silicon)
Mounting Position	Vertical
Number of Bolt Holes - Bottom Terminal	4
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	81.38 in
Below Flange Length	46.75 in
Diameter - Below Flange Maximum P	8.00 in
Diameter - Bottom Terminal Bolt Circle	3.75 in
Diameter - Bottom Terminal Bolt Holes	3/8-16
Diameter - Bottom Terminal Outside	6.50 in

Diameter - Live Part Top	10.63 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
Length	128.13 in
Length - Drawlead Above Flange	77.06 in
Length - Ground Shield	23.00 in
Length - Minimum Oil Immersion Level	23.00 in
Thread Size - Bottom Terminal	3/8-16
Thread Size - Drawlead Connector	1 1/4-12
Weight	390 lb

**Electrical Ratings**

BIL	650 kV
Current Rating	800 A
Minimum Creepage	215 in
Minimum Strike	61 in
kV Class	138 kV

**Certifications And Compliance**

Industry Standard(s)	IEEE
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**Product Assets**

[Brochures - Expanded Quick Selection Guide - HPS Power Apparatus Bushings](#)  
[Catalogs - PCORE® Capacitance-Graded Bushings, Test Terminals and Services](#)  
[Installation Manuals - Instruction Manual for Oil-Free PRC® Bushings with Polymer Insulator](#)  
[Literature - INTRODUCING PCORE® OIL-FREE HIGH VOLTAGE PRC® BUSHINGS](#)  
[Sales Drawings - PRC650P0800S](#)  
[Specifications - PRC650P0800S](#)

