

PVR Optima (8.4 kV MCOV, 7314 Hardware)

By OHIO BRASS
Catalog # 2216097314



IEEE Riser Pole Class Polymer Housed Surge Arrester

Features

- Over 35 years of excellent field performance with over 40 million distribution arresters installed
- Long lasting ESP™ housing material with superior mechanical strength and electrical characteristics
- Reliable capacitive disconnecter operates at fault currents as low as 1 Amp
- Dynamic triple sealing system protects internal components from moisture ingress to extend service lifetime
- High quality MOV discs made in Wadsworth, Ohio since 1978
- Arresters assembled in Aiken, South Carolina
- 100% routine tested

Application

Distribution

General

Bracket Type	None
Cantilever Bending Strength - Max.	135 Nm
Catalog Number	2216097314
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359261438

Dimensions

Dimensions	13.063 in x 8.313 in x 4.7 in
Height	4.7 in
Length	13.063 in
Minimum Mounting Spacing on Center (Sea Level) - Phase to	4.0 in (101.6 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	6.0 in (152.4 mm)
Stud Type	3/8-16
Weight	2 lb
Width	8.313 in

Electrical Ratings

Creep and Leakage Distance	13.8 in (351 mm)
Current - Low Current Long Duration (LCLD) Test	250 A
Duty Cycle	10 kV
Frequency Rating	48-62 Hz
MCOV	8.4 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	30.3 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 23.1 kV @ 1.5 kA• 24.1 kV @ 3 kA• 25.1 kV @ 5 kA• 27 kV @ 10 kA• 29.8 kV @ 20 kA• 34.6 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	19.9 kV
Minimum Strike	6.1 in
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000 Qs
Withstand Voltage - 60 Hz Wet	22.1
Withstand Voltage - Lightning Impulse	50.6

Certifications And Compliance

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)
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Logistics

Pallet Quantity	192
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Product Assets

- [Brochures - Ohio Brass Sets the Standards for Arresters](#)
- [Catalogs - Arresters IEEE & IEC Distribution Class](#)
- [Installation Manuals - Installation Instructions for PDV/PVR Arresters - Chinese](#)
- [Installation Manuals - PDV-PVR Polymer Distribution Class Arrester Installation Instructions](#)
- [Installation Manuals - Installation Instructions for PDV/PVR Arresters - Spanish](#)
- [Installation Manuals - Installation Instructions for PDV/PVR Arresters - French](#)

[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
[Literature - Lightning Surge Arresters](#)
[Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)

[Literature - Hubbell Arrester and Wildlife Guard Solution Kits](#)
[Sales Drawings - 2216097314 \(Reference Only\)](#)
[Specifications - 2216097314](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)



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