

PVR Optima (15.3 kV MCOV, 7314 Hardware)

By OHIO BRASS
Catalog # [2216157314](#)



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	2216157314
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359261513

Dimensions

Dimensions	22.188 in x 9.250 in x 7.7 in
Height	7.7 in
Length	22.188 in
Stud Type	3/8-16
Weight	2.8 lb
Width	9.25 in

Electrical Ratings

Creep and Leakage Distance	24.5 in (622 mm)
Current - Low Current Long	250 A
Duration (LCLD) Test	
Duty Cycle	18 kV
Frequency Rating	48-62 Hz

MCOV	15.3 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	54.5 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 41.8 kV @ 1.5 kA• 43.6 kV @ 3 kA• 45.4 kV @ 5 kA• 48.9 kV @ 10 kA• 54 kV @ 20 kA• 62.6 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	36 kV
Minimum Strike	9.7 in
Pressure Relief Capability- Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000 Qs

Certifications And Compliance

Buy America(n) Qualified	<ul style="list-style-type: none">• BABA Compliant (All status valid till December 2024)• TAA Compliant (All status valid till December 2024)
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Logistics

Pallet Quantity	112
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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 - 2216157314 \(Reference Only\)](#)



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