

PVR Optima (22 kV MCOV, 7314
Hardware)

By OHIO BRASS
Catalog # [2216227314](#)



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	2216227314
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359261544

Dimensions

Dimensions	0.001 in x 0.001 in x 0.001 in
Height	0.001 in
Length	0.001 in
Minimum Mounting Spacing on Center (Sea Level) - Phase to	10.5 in (266.7 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	12.5 in (317.5 mm)
Stud Type	3/8-16
Weight	4.6 lb
Width	0.001 in

Electrical Ratings

Creep and Leakage Distance	40.7 in (1034 mm)
Current - Low Current Long Duration (LCLD) Test	250 A
Duty Cycle	27 kV
Frequency Rating	48-62 Hz
MCOV	22 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	81.4 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 61.6 kV @ 1.5 kA• 64.2 kV @ 3 kA• 66.8 kV @ 5 kA• 72 kV @ 10 kA• 79.6 kV @ 20 kA• 92.2 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	53 kV
Minimum Strike	18 in
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000 Qs
Withstand Voltage - 60 Hz Wet	58
Withstand Voltage - Lightning Impulse	136.6

Certifications And Compliance

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

Pallet Quantity	35
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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 - 2216227314 \(Reference Only\)](#)
[Specifications - 2216227314](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)



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