

PVR Optima (12.7 kV MCOV, 7324 Hardware)

By OHIO BRASS
Catalog # [2216137324](#)

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	NEMA 4x5 Crossarm Bracket
Cantilever Bending Strength - Max.	135 Nm
Catalog Number	2216137324
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359418085

Dimensions

Height	7.7 in
Minimum Mounting Spacing on Center (Sea Level) - Phase to	6.3 in (160.02 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to	8.3 in (210.82 mm)
Phase	
Stud Type	3/8-16

Electrical Ratings

Creep and Leakage Distance	24.5 in (622mm)
Current - Low Current Long	250 A
Duration (LCLD) Test	



*Representative Image

Duty Cycle	15 kV
Frequency Rating	48-62 Hz
MCOV	12.7 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	45.5 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 34.6 kV @ 1.5 kA• 36.1 kV @ 3 kA• 37.6 kV @ 5 kA• 40.5 kV @ 10 kA• 44.8 kV @ 20 kA• 51.8 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	29.8 kV
Minimum Strike	9.7 in
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000 Qs
Withstand Voltage - 60 Hz Wet	33.5
Withstand Voltage - Lightning Impulse	76.4

Certifications And Compliance

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

Logistics

Pallet Quantity	112
-----------------	-----

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](#)

[Specifications - 2216137324](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)



A Hubbell brand

©2025 Hubbell Incorporated. All rights reserved
OB-2216137324-SPEC-EN | REV 3/2025