

PVR Optima (12.7 kV MCOV, 7224 Hardware)

By OHIO BRASS
Catalog # 2216137224

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	2216137224
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359418078

Dimensions

Height	7.7 in
Stud Type	3/8-16

Electrical Ratings

Creep and Leakage Distance	24.5 in (622mm)
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*Representative Image

Current - Low Current Long Duration (LCLD) Test	250 A
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

Certifications And Compliance

Industry Standard(s)	IEEE
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Logistics

Pallet Quantity	112
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Product Assets

[Catalogs - Arresters IEEE & IEC Distribution Class](#)
[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
[Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)
[Literature - Hubbell Arrester and Wildlife Guard Solution Kits](#)
[Specifications - 2216137224](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)