

PVR Optima (8.4 kV MCOV, 7214 Hardware)

By OHIO BRASS
Catalog # 2216097214

IEEE Riser Pole Class Polymer Housed Surge Arrester



*Representative Image

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
Color	Gray
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359261414

Dimensions

Dimensions	13.060 in x 5.060 in x 9.560 in
Height	9.560 in
Length	13.060 in
Minimum Mounting Spacing on Center (Sea Level) - Phase to Ground	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	1.8 lb
Width	5.060 in

Electrical Ratings

Creep and Leakage Distance	15.4 in (391 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 μs
Withstand Voltage - 60 Hz Wet	22.1
Withstand Voltage - Lightning Impulse	50.6

Logistics

Pallet Quantity	192
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Product Assets

[Brochures - Ohio Brass Sets the Standards for Arresters \(EU1587\)](#)
[Catalogs - Arresters IEEE & IEC Distribution Class \(CA01065E_Catalog 70\)](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - Chinese \(17-5122C\)](#)
[Installation Manuals - PDV-PVR Polymer Distribution Class Arrester Installation Instructions \(17-5122\)](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - French \(17-5122F\)](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - Spanish \(17-5122S\)](#)
[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
[ISO Certificates - ISO 9001:2015 - Hubbell Power Systems Inc.](#)

Effective 2020-2023, Multi-site (English)
Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems (TD01135E)
Literature - Lightning Surge Arresters (SF01023E)
Literature - Hubbell Arrester and Wildlife Guard Solution Kits (SF14069E)
Sales Drawings - 2216097214 (Reference Only)
Video - Hubbell Power Systems Metal Oxide Varistor (VI01022E0718)



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OB-2216097214-SPEC-EN | REV 1/2024