

**PVR Optima (29 kV MCOV, 7333 Hardware)**

By OHIO BRASS  
Catalog # [2216297333](#)

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	Transformer Bracket
Cantilever Bending Strength - Max.	135 Nm
Catalog Number	2216297333
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359418931

**Dimensions**

Height	15.3 in
Minimum Mounting Spacing on Center (Sea Level) - Phase to	14.0 in (355.6 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	16.0 in (406.4 mm)
Stud Type	3/8-16

**Electrical Ratings**

Creep and Leakage Distance	49 in (1245 mm)
Current - Low Current Long	250 A
Duration (LCLD) Test	

Duty Cycle	36 kV
Frequency Rating	48-62 Hz
MCOV	29 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	107.2 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"><li>• 82.2 kV @ 1.5 kA</li><li>• 85.6 kV @ 3 kA</li><li>• 89.2 kV @ 5 kA</li><li>• 96.1 kV @ 10 kA</li><li>• 106.2 kV @ 20 kA</li><li>• 123 kV @ 40 kA</li></ul>
Maximum Switching Surge Protective Level @ 500A	70.7 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	76.4
Withstand Voltage - Lightning Impulse	180.3

**Logistics**

Pallet Quantity	35
-----------------	----

**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 - 2216297333](#)



**A Hubbell brand**