

## PVR Optima (7.65 kV MCOV, 7533 Hardware)

By OHIO BRASS  
Catalog # 2216087533

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	Transformer Bracket
Cantilever Bending Strength - Max.	135 Nm
Color	Gray
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution

### Dimensions

Height	9.4 in
Stud Type	3/8-16

### Electrical Ratings

Creep and Leakage Distance	15.4 in (391 mm)
Current - Low Current Long Duration (LCLD) Test	250 A
Duty Cycle	9 kV
Frequency Rating	48-62 Hz
MCOV	7.65 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	27.6 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> <li>• 20.9 kV @ 1.5 kA</li> <li>• 21.8 kV @ 3 kA</li> <li>• 22.7 kV @ 5 kA</li> <li>• 24.5 kV @ 10 kA</li> <li>• 27.1 kV @ 20 kA</li> <li>• 31.4 kV @ 40 kA</li> </ul>
Maximum Switching Surge Protective Level @ 500A	18.0 kV
Minimum Strike	6.1 in
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000 μs

### Product Assets

[Brochures - Ohio Brass Sets the Standards for Arresters \(EU1587\)](#)

[Catalogs - Arresters IEEE & IEC Distribution Class \(CA01065E\\_Catalog 70\)](#)

[Installation Manuals - PDV-PVR Polymer Distribution Class Arrester Installation Instructions \(17-5122\)](#)

[Installation Manuals - Installation Instructions for PDV/PVR Arresters - Chinese \(17-5122C\)](#)

[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 9001:2015 - Hubbell Power Systems Inc. Effective 2020-2023, Multi-site \(English\)](#)

[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc. 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 \(SF14069E\)](#)

[Video - Hubbell Power Systems Metal Oxide Varistor \(VI01022E0718\)](#)



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