

PVR Optima (22 kV MCOV, 7233  
Hardware)

By OHIO BRASS  
Catalog # [2216227233](#)

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                     | 2216227233           |
| Color                              | Gray Housing         |
| Material                           | ESP™ Polymer Housing |
| Mounting Position                  | Upright              |
| Type                               | Distribution         |
| UPC                                | 096359802679         |

Dimensions

|           |         |
|-----------|---------|
| Height    | 21.1 in |
| Stud Type | 3/8-16  |

Electrical Ratings

|  |  |
|--|--|
| Creep and Leakage Distance                                   | 40.7 in (1034 mm)  |
| Current - Low Current Long Duration (LCLD) Test              | 250 A  |
| Duty Cycle   | 27 kV  |
| Frequency Rating   | 48-62 Hz   |
| MCOV   | 22 kV  |
| Maximum .5 Microsecond Discharge Volts @ Classifying Current | 81.4 kV  |
| Maximum Discharge Voltage                                    | <ul style="list-style-type: none"><li>• 61.6 kV @ 1.5 kA</li><li>• 64.2 kV @ 3 kA</li><li>• 66.8 kV @ 5 kA</li><li>• 72 kV @ 10 kA</li><li>• 79.6 kV @ 20 kA</li><li>• 92.2 kV @ 40 kA</li></ul> |
| Maximum Switching Surge Protective Level @ 500A              | 53 kV  |
| Minimum Strike   | 18 in  |
| Pressure Relief Capability-Symmetrical rms (kA)              | 20   |
| Time - Low Current Long Duration (LCLD) Test                 | 2000 Qs  |

Certifications And Compliance

|                      |      |
|----------------------|------|
| Industry Standard(s) | IEEE |
|----------------------|------|

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 - 2216227233](#)  
[Video - Hubbell Power Systems Metal Oxide Varistor](#)