

## PVI-LP Arrester (22 kV MCOV / Uc)

By OHIO BRASS  
Catalog # 3008223001

IEEE Intermediate Class Polymer Housed Surge Arrester



\*Representative Image

### Features

- PVI-LP solid core station arresters comply with the latest revision of IEEE C62.11 and IEC 60099-4
- Long lasting ESP™ housing material with superior mechanical strength and electrical characteristics
- Robust sealing system protects internal components from moisture ingress to extend service lifetime
- High quality MOV discs made in Wadsworth, Ohio since 1978
- Assembled in Aiken, South Carolina

### General

Cantilever Bending Strength - Max.	4,000 in lbs
Color	Gray
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Small Top/Tripod Base
Type	Intermediate
UPC	096359420323

### Dimensions

Bolt Circle Diameter	8.75 in
Diameter - Lug Hole	.56 in (14.224 mm)
Diameter - Single Bolt Hole(s)	0.50 in
Height	17.6 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to Ground	8.2 in (208.28 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	9.6 in (243.84 mm)
Thickness - Lug	1.25 in (31.75 mm)

### Electrical Ratings

Creep and Leakage Distance	46.2 in (1173 mm)
Current - Low Current Long Duration (LCLD) Test	550
Duty Cycle	27 kV
Frequency Rating	48-62 Hz
MCOV	22 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	85.1 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> <li>• 63.8 kV @ 1.5 kA</li> <li>• 66.9 kV @ 3 kA</li> <li>• 70.1 kV @ 5 kA</li> <li>• 73.2 kV @ 10 kA</li> <li>• 82.2 kV @ 20 kA</li> <li>• 91.3 kV @ 40 kA</li> </ul>
Maximum Switching Surge Protective Level @ 500A	59.2 kV
Pressure Relief Capability-Symmetrical rms (kA)	40
Time - Low Current Long Duration (LCLD) Test	2000
Withstand Voltage - 60 Hz Wet	60.8
Withstand Voltage - Lightning Impulse	95.2

### Certifications and Compliance

Industry Standard(s)	IEEE
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### Logistics

Pallet Quantity	12
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### Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC \(CA01082E\\_Catalog 30\\_0923\\_web\)](#)  
[Installation Manuals - PVI-LP PVI Polymer Arrester Installation Instructions \(17-5150\)](#)  
[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 \(TD01135E\)](#)  
[Video - Hubbell Power Systems Metal Oxide Varistor \(VI01022E0718\)](#)



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