

# HUBBELL Power Systems

## PVI-LP Arrester (24.4 kV MCOV / U<sub>c</sub>)

By OHIO BRASS  
Catalog # 3008243001

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 Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Small Top/Tripod Base
Type	Intermediate
UPC	096359420347

### Dimensions

Bolt Circle Diameter	8.75 in
Diameter - Lug Hole	.56 in (14.224 mm)
Diameter - Single Bolt Hole(s)	0.5 in
Height	17.6 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	8.4 in (213.36 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to	9.8 in (248.92 mm)
Phase	
Thickness - Lug	1.25 in (31.75 mm)

### Electrical Ratings

Creep and Leakage Distance	46.2 in (1173 mm)
Current - Low Current Long	550
Duration (LCLD) Test	
Duty Cycle	30 kV
Frequency Rating	48-62 Hz
MCOV	24.4 kV
Maximum .5 Microsecond	93.4 kV
Discharge Volts @ Classifying Current	
Maximum Discharge Voltage	70.3 kV @ 1.5 kA
	73.8 kV @ 3 kA
	77.3 kV @ 5 kA
	80.7 kV @ 10 kA
	90.6 kV @ 20 kA
	101 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	65.3 kV
Pressure Relief Capability-Symmetrical rms (kA)	40
Time - Low Current Long	2000
Duration (LCLD) Test	
Withstand Voltage - 60 Hz Wet	67.1
Withstand Voltage - Lightning Impulse	104.9

### Certifications And Compliance

Industry Standard(s)	IEEE
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## Logistics

Pallet Quantity

12

### Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC](#)

[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](#)

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



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