

PVI-LP Arrester (24.4 kV MCOV / Uc)

By OHIO BRASS
Catalog # 3018243001

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

Color	Gray Housing
Material	ESP™ Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Type	Intermediate

Dimensions

Maximum Operating Altitude	12000 ft
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Electrical Ratings

Current - Low Current Long Duration (LCLD) Test	550
Duty Cycle	30 kV
Frequency Rating	48-62 Hz
MCOV	24.4 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	85.3 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 67.7 kV @ 1.5 kA • 71.5 kV @ 3 kA • 74.8 kV @ 5 kA • 80.7 kV @ 10 kA • 89.3 kV @ 20 kA • 101 kV @ 40 kA
Pressure Relief Capability-Symmetrical rms (kA)	40
Time - Low Current Long Duration (LCLD) Test	2000
Withstand Voltage - 60 Hz Wet	67.1
Withstand Voltage - Lightning Impulse	104.9

Certifications and Compliance

Industry Standard(s)	IEEE
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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 \(VI01022E0718\)](#)

