

PVI-LP Arrester (29 kV MCOV / Uc)

By OHIO BRASS
Catalog # 3006293001

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
Catalog Number	3006293001
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	096359419617

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 Phase	9.8 in (248.92 mm)
Thickness - Lug	1.25 in (31.75 mm)

Electrical Ratings

Creep and Leakage Distance	46.2 in (1173 mm)
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Current - Low Current Long Duration (LCLD) Test	550
Duty Cycle	36 kV
Frequency Rating	48-62 Hz
MCOV	29 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	111.3 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 84.4 kV @ 1.5 kA• 88.6 kV @ 3 kA• 92.8 kV @ 5 kA• 96.9 kV @ 10 kA• 108.8 kV @ 20 kA• 121 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	78.4 kV
Pressure Relief Capability-Symmetrical rms (kA)	40
Time - Low Current Long Duration (LCLD) Test	2000
Withstand Voltage - 60 Hz Wet	80.6
Withstand Voltage - Lightning Impulse	126

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](#)
[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
[Literature - Polymer Station Arrester](#)
[Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)
[Specifications - 3006293001](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)