

EVP Arrester (29 kV MCOV / Uc)

By Ohio Brass
Catalog # [EVP0029003001](#)

EVP, 29kV MCOV / Uc, 36kV Duty Cycle Rating / Ur



Features

- EVP 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
- 100% routine tested

Specifications

Industry Standard(s)	IEEE/IEC
EU RoHS Indicator	Contact Manufacturer

Configuration

Mounting Position	Upright
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Current

Frequency Rating	48-62 Hz
Creep and Leakage Distance	50.9 in (1293 mm)
MCOV	29 kV
Withstand Voltage - Switching Impulse	219 kV
Maximum Switching Surge Protective Level @ 500A	68.6 kV
Maximum Discharge Voltage	• 73.2 kV @ 1.5 kA • 76.9 kV @ 3 kA • 80.7 kV @ 5 kA • 86.5 kV @ 10 kA • 93.6 kV @ 20 kA • 106.7 kV @ 40 kA
Maximum .5 Microsecond Discharge Volts @ Classifying Current	97.0 kV
Withstand Voltage - 60 Hz Wet Impulse	125 kV
Withstand Voltage - Lightning Impulse	261 kV

Duty Cycle	36 kV
Pressure Relief Capability-Symmetrical rms (kA)	63

Dimensions

Diameter - Lug Hole	.56 in (14.224 mm)
Diameter - Bolt Circle Variable	8.75 to 10 in
Weight	27 lb.
Height	20.9 in
Width	11.5 in
Thickness - Lug	1.25 in (31.75 mm)
Minimum Mounting Spacing on Center (Sea Level) - Phase to Ground	10.3 in (262 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	15.4 in (391 mm)
Length	0.000 in
Diameter - Single Bolt Hole(s)	0.50 in
Depth	11.5 in

Force Related

Cantilever Bending Strength - Max.	20,000 lb.
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General

Color	Gray Housing
UPC	096359506294
Type	Station
Mounting Hardware	Single Eyebolt Terminals
Material	ESP™ Polymer Housing

Operational

Maximum Operating Altitude	12000 ft
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Product Assets

[Catalog \[English\]](#)
[Installation Manual \[English\]](#)