

## EVP Arrester (88 kV MCOV / Uc)

By OHIO BRASS  
Catalog # [EVP0088003001](#)

IEEE Station Class / IEC Station Medium Polymer Housed  
Surge Arrester



\*Representative Image

### 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

### General

Cantilever Bending Strength - Max.	20,000 lb.
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Upright
Type	Station
UPC	096359506362

### Dimensions

Diameter - Bolt Circle Variable	8.75 to 10 in
Diameter - Lug Hole	.56 in (14.224 mm)
Diameter - Single Bolt Hole(s)	0.50 in
Dimensions	12.000 in x 12.000 in x 50.630 in
Height	50.630 in
Length	12.000 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to Ground	28.2 in (716 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	35.6 in (904 mm)
Thickness - Lug	1.25 in (31.75 mm)
Weight	59 lb
Width	12.000 in

### Electrical Ratings

Creep and Leakage Distance	123 in (3124 mm)
Duty Cycle	108 kV
Frequency Rating	48-62 Hz
MCOV	88 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	289.0 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> <li>• 221.2 kV @ 1.5 kA</li> <li>• 232.5 kV @ 3 kA</li> <li>• 243.7 kV @ 5 kA</li> <li>• 261.5 kV @ 10 kA</li> <li>• 282.7 kV @ 20 kA</li> <li>• 322.4 kV @ 40 kA</li> </ul>
Maximum Switching Surge Protective Level @ 500A	207.4 kV
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	275 kV
Withstand Voltage - Lightning Impulse	631 kV
Withstand Voltage - Switching Impulse	529 kV

### Certifications and Compliance

Industry Standard(s)	IEEE/IEC
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### Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC \(CA01082E\\_Catalog 30\\_0923\\_web\)](#)  
[Installation Manuals - EVP Polymer Station Class Arrester Installation Instructions \(17-5156\)](#)  
[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 \(TD01135E\)](#)  
[Sales Drawings - EVP0088003001](#)  
[Video - Hubbell Power Systems Metal Oxide Varistor \(VI01022E0718\)](#)



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