

EVP Arrester (29 kV MCOV / Uc)

By OHIO BRASS
Catalog # [EVP0029003001](#)

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	Class 3/Station Medium
UPC	096359506294

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
Height	61.000 in
Length	0.000 in
Maximum Operating Altitude	12000 ft
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)
Thickness - Lug	1.25 in (31.75 mm)
Weight	27 lb
Width	0.000 in

Electrical Ratings

Creep and Leakage Distance	50.9 in (1293 mm)
Duty Cycle	36 kV
Frequency Rating	48-62 Hz
MCOV	29 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	97.0 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 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 Switching Surge Protective Level @ 500A	68.6 kV
Pressure Relief Capability- Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	125 kV
Withstand Voltage - Lightning Impulse	261 kV
Withstand Voltage - Switching Impulse	219 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 - EVP0029003001](#)
[Video - Hubbell Power Systems Metal Oxide Varistor \(VI01022E0718\)](#)



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