

**EVP Arrester (8.4 kV MCOV / Uc)**

By OHIO BRASS  
Catalog # [EVP0009003001](#)

IEEE Station Class / IEC Station Medium Polymer Housed Surge Arrester



**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.
Catalog Number	EVP0009003001
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Upright
Type	Station
UPC	096359500636

**Dimensions**

Diameter - Bolt Circle Variable	8.75 to 10 in
Diameter - Lug Hole	.56 in (14.224 mm)
Diameter - Single Bolt Hole(s)	0.5 in
Dimensions	10.625 in x 10.625 in x 33.375 in
Height	33.375 in
Length	10.625 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	4.5 in (114 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	9 in (229 mm)
Thickness - Lug	1.25 in (31.75 mm)
Weight	15 lb
Width	10.625 in

**Electrical Ratings**

Creep and Leakage Distance	30.1 in (765 mm)
Duty Cycle	10 kV
Frequency Rating	48-62 Hz
MCOV	8.4 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	29.4 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"><li>• 21.1 kV @ 1.5 kA</li><li>• 22.2 kV @ 3 kA</li><li>• 23.3 kV @ 5 kA</li><li>• 25 kV @ 10 kA</li><li>• 27 kV @ 20 kA</li><li>• 30.8 kV @ 40 kA</li></ul>
Maximum Switching Surge Protective Level @ 500A	19.8 kV
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet Impulse	63 kV
Withstand Voltage - Lightning Impulse	127 kV
Withstand Voltage - Switching Impulse	106 kV

**Certifications And Compliance**

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)
Industry Standard(s)	IEEE/IEC

**Product Assets**

- [Catalogs - Station Class Surge Arresters IEEE and IEC](#)
- [Installation Manuals - EVP Polymer Station Class Arrester](#)
- [Installation Instructions](#)
- [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](#)
- [Sales Drawings - EVP0009003001](#)
- [Specifications - Specification for Solid Core IEC Station Class Arresters](#)
- [Specifications - EVP0009003001](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)



**A Hubbell brand**

©2025 Hubbell Incorporated. All rights reserved  
OB-EVP0009003001-SPEC-EN | REV 3/2025