

EVP Arrester (7.65 kV MCOV / Uc)

By OHIO BRASS
Catalog # [EVP0008003001](#)

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 | EVP0008003001 |
| Color | Gray Housing |
| EU RoHS Indicator | Contact Manufacturer |
| Material | ESP™ Polymer Housing |
| Mounting Hardware | Single Eyebolt Terminals |
| Mounting Position | Upright |
| Type | Station |
| UPC | 096359506249 |

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 | 10.313 in x 10.313 in x 27.000 in |
| Height | 27 in |
| Length | 10.313 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 | 10.313 in |

Electrical Ratings



| | |
|--|--|
| Creep and Leakage Distance | 30.1 in (765 mm) |
| Duty Cycle | 9 kV |
| Frequency Rating | 48-62 Hz |
| MCOV | 7.65 kV |
| Maximum .5 Microsecond Discharge Volts @ Classifying Current | 27 kV |
| Maximum Discharge Voltage | <ul style="list-style-type: none">• 19.2 kV @ 1.5 kA• 20.2 kV @ 3 kA• 21.2 kV @ 5 kA• 22.7 kV @ 10 kA• 24.6 kV @ 20 kA• 28 kV @ 40 kA |
| Maximum Switching Surge Protective Level @ 500A | 18 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 - EVP0008003001 \(for reference only\)](#)
- [Specifications - Specification for Solid Core IEC Station Class Arresters](#)
- [Specifications - EVP0008003001](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)



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