

EVP Arrester (115 kV MCOV / Uc)

By OHIO BRASS
Catalog # [EVP0115003001](#)

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	EVP0115003001
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Upright
Type	Station
UPC	096359506386

Dimensions

Diameter - Bolt Circle Variable	8.75 to 10 in
Diameter - Lug Hole	.56 in (14.224 mm)
Diameter - Ring	16.5 in / 9.0 in
Diameter - Single Bolt Hole(s)	0.5 in
Dimensions	60.500 in x 15.500 in x 17.750 in
Height	17.75 in
Length	60.5 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	41.7 in (1059 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	55 in (1397 mm)
Thickness - Lug	1.25 in (31.75 mm)
Weight	82 lb
Width	15.5 in

Electrical Ratings

Creep and Leakage Distance	164.8 in (4186 mm)
Duty Cycle	144 kV
Frequency Rating	48-62 Hz
MCOV	115 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	382 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 293.1 kV @ 1.5 kA• 308 kV @ 3 kA• 322.9 kV @ 5 kA• 346.5 kV @ 10 kA• 374.5 kV @ 20 kA• 427.2 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	286
Pressure Relief Capability- Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	320 kV
Withstand Voltage - Lightning Impulse	758 kV
Withstand Voltage - Switching Impulse	635 kV

Certifications And Compliance

Industry Standard(s)	IEEE/IEC
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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 - EVP0115003001 \(for reference only\)](#)
- [Specifications - Specification for Solid Core IEC Station Class Arresters](#)
- [Specifications - EVP0115003001](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)



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