

EVP Arrester (106 kV MCOV / Uc)

By OHIO BRASS
Catalog # [EVP0106003001](#)

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	EVP0106003001
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Upright
Type	Station
UPC	096359506379

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	38.7 in (983 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	51.6 in (1311 mm)
Thickness - Lug	1.25 in (31.75 mm)
Weight	73 lb
Width	15.5 in

Electrical Ratings

Creep and Leakage Distance	143.9 in (3655 mm)
Duty Cycle	132 kV
Frequency Rating	48-62 Hz
MCOV	106 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	350 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 268.5 kV @ 1.5 kA• 282.1 kV @ 3 kA• 295.8 kV @ 5 kA• 317.4 kV @ 10 kA• 343.1 kV @ 20 kA• 391.3 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	262
Pressure Relief Capability- Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	283 kV
Withstand Voltage - Lightning Impulse	652 kV
Withstand Voltage - Switching Impulse	546 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 - EVP0106003001](#)
[Specifications - Specification for Solid Core IEC Station Class Arresters](#)
[Specifications - EVP0106003001](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)



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