

HUBBELL Power Systems

EVP Arrester (39 kV MCOV / Uc)

By OHIO BRASS

Catalog # [EVP0039003001](#)

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.
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Upright
Type	Station
UPC	096359506324

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
Height	83.5 in
Length	0 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	13.3 in (338 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to	18.8 in (478 mm)
Phase	
Thickness - Lug	1.25 in (31.75 mm)
Weight	31 lb
Width	0 in

Electrical Ratings

Creep and Leakage Distance	61.5 in (1562 mm)
Duty Cycle	48 kV
Frequency Rating	48-62 Hz
MCOV	39 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	129 kV
Maximum Discharge Voltage	98 kV @ 1.5 kA
	103 kV @ 3 kA
	108 kV @ 5 kA
	115.9 kV @ 10 kA
	125.3 kV @ 20 kA
	142.9 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	91.9 kV
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	148 kV
Withstand Voltage - Lightning Impulse	313 kV
Withstand Voltage - Switching Impulse	263 kV

Certifications And Compliance

Industry Standard(s)	IEEE/IEC
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Product Assets

- [Catalogs - Station Class Surge Arresters IEEE and IEC](#)
- [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](#)
- [Sales Drawings - EVP0039003001 \(for reference only\)](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)

