

## EVP Arrester (144 kV MCOV / Uc)

By OHIO BRASS  
Catalog # [EVP0144103001](#)

IEEE Station Class / IEC Station Medium Polymer Housed  
Surge Arrester



\*Representative Image

### 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

Color	Gray
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Station
UPC	096359709121

### Electrical Ratings

Creep and Leakage Distance	247.2 in (6279 mm)
Duty Cycle	180 kV
Frequency Rating	48-62 Hz
MCOV	144 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	480
Maximum Discharge Voltage	<ul style="list-style-type: none"><li>• 366 kV @ 1.5 kA</li><li>• 385 kV @ 3 kA</li><li>• 403 kV @ 5 kA</li><li>• 433 kV @ 10 kA</li><li>• 468 kV @ 20 kA</li><li>• 534 kV @ 40 kA</li></ul>
Maximum Switching Surge Protective Level @ 1000A	357
Pressure Relief Capability-Symmetrical rms (kA)	63

### Certifications and Compliance

Industry Standard(s)	IEEE/IEC
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### Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC \(CA01082E\\_Catalog 30\\_0923\\_web\)](#)  
[Installation Manuals - EVP Polymer Station Class Arrester Installation Instructions \(17-5156\)](#)  
[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 \(TD01135E\)](#)  
[Sales Drawings - EVP0144103001 \(for reference only\)](#)  
[Video - Hubbell Power Systems Metal Oxide Varistor \(VI01022E0718\)](#)