

EVP Arrester (48 kV MCOV / Uc)

By OHIO BRASS
Catalog # [EVP0048003014](#)

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	096359740063

Dimensions

Height	28.2 in
Weight	36 lb

Electrical Ratings

Creep and Leakage Distance	71.9 in (1826 mm)
Duty Cycle	60 kV
Frequency Rating	48-62 Hz
MCOV	48 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	160
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 122 kV @ 1.5 kA • 128 kV @ 3 kA • 134 kV @ 5 kA • 144 kV @ 10 kA • 156 kV @ 20 kA • 178 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	114
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	172 kV
Withstand Voltage - Lightning Impulse	367 kV
Withstand Voltage - Switching Impulse	308 kV

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 - EVP0048003014 \(for reference only\)](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor \(VI01022E0718\)](#)

