

EVP Arrester (144 kV MCOV / Uc)

By OHIO BRASS
Catalog # [EVP0144103004](#)

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

Catalog Number	EVP0144103004
Color	Gray Housing
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Station

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	480
Discharge Volts @ Classifying	
Current	

Maximum Discharge Voltage	<ul style="list-style-type: none">• 366 kV @ 1.5 kA• 385 kV @ 3 kA• 403 kV @ 5 kA• 433 kV @ 10 kA• 468 kV @ 20 kA• 534 kV @ 40 kA
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](#)
- [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 - EVP0144103004 \(for reference only\)](#)
- [Specifications - Specification for Solid Core IEC Station Class Arresters](#)
- [Specifications - EVP0144103004](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)