

EVP Arrester (180 kV MCOV / Uc)

By OHIO BRASS  
Catalog # [EVP0180003008](#)

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	EVP0180003008
Color	Gray Housing
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Station
UPC	096359725985

Dimensions

Height	94.5 in
Weight	133 lb

Electrical Ratings

Creep and Leakage Distance	247.2 in (6279 mm)
Duty Cycle	228 kV
Frequency Rating	48-62 Hz
MCOV	180 kV
Maximum .5 Microsecond	605
Discharge Volts @ Classifying	
Current	

Maximum Discharge Voltage	<ul style="list-style-type: none"><li>• 464 kV @ 1.5 kA</li><li>• 487 kV @ 3 kA</li><li>• 511 kV @ 5 kA</li><li>• 548 kV @ 10 kA</li><li>• 593 kV @ 20 kA</li><li>• 676 kV @ 40 kA</li></ul>
Maximum Switching Surge Protective Level @ 1000A	453
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	436 kV
Withstand Voltage - Lightning Impulse	1166 kV
Withstand Voltage - Switching Impulse	977 kV

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 - EVP0180003008 \(for reference only\)](#)
- [Specifications - Specification for Solid Core IEC Station Class Arresters](#)
- [Specifications - EVP0180003008](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)