

EVP Arrester (5.1 kV MCOV / Uc)

By OHIO BRASS
Catalog # [EVP0005003008](#)

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	EVP0005003008
Color	Gray Housing
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Station

Dimensions

Height	9.9 in
Weight	13 lb

Electrical Ratings

Creep and Leakage Distance	19.6 in (498 mm)
Duty Cycle	6 kV
Frequency Rating	48-62 Hz
MCOV	5.1 kV
Maximum .5 Microsecond	18.6
Discharge Volts @ Classifying	
Current	



Maximum Discharge Voltage	<ul style="list-style-type: none">• 12.8 kV @ 1.5 kA• 13.5 kV @ 3 kA• 14.1 kV @ 5 kA• 15.2 kV @ 10 kA• 16.4 kV @ 20 kA• 18.7 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	12
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	50 kV
Withstand Voltage - Lightning Impulse	101 kV
Withstand Voltage - Switching Impulse	84 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 - EVP0005003008 \(for reference only\)](#)
- [Specifications - EVP0005003008](#)
- [Specifications - Specification for Solid Core IEC Station Class Arresters](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)