

EVP Arrester (8.4 kV MCOV / Uc)

By OHIO BRASS
Catalog # [EVP0009003003](#)

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	EVP0009003003
Color	Gray Housing
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Station
UPC	096359726821

Dimensions

Height	11.7 in
Weight	15 lb

Electrical Ratings

Creep and Leakage Distance	30.1 in (765 mm)
Duty Cycle	10 kV
Frequency Rating	48-62 Hz
MCOV	8.4 kV
Maximum .5 Microsecond	29.4
Discharge Volts @ Classifying	
Current	

Maximum Discharge Voltage	<ul style="list-style-type: none">• 21.1 kV @ 1.5 kA• 22.2 kV @ 3 kA• 23.3 kV @ 5 kA• 25 kV @ 10 kA• 27 kV @ 20 kA• 30.8 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	19.8
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	63 kV
Withstand Voltage - Lightning Impulse	127 kV
Withstand Voltage - Switching Impulse	106 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 - EVP0009003003 \(for reference only\)](#)
- [Specifications - Specification for Solid Core IEC Station Class Arresters](#)
- [Specifications - EVP0009003003](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)