HUBBELL
Power Systems, Inc.

EVP Arrester (29 kV MCOV / Uc)

By OHIO BRASS
Catalog # EVP0029003009

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

Dimensions

Height	20.9 in
Weight	27 lb

Electrical Ratings

Creep and Leakage Distance	50.9 in (1293 mm)
Duty Cycle	36 kV
Frequency Rating	48-62 Hz
MCOV	29 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	97
Maximum Discharge Voltage	• 73.2 kV @ 1.5 kA • 76.9 kV @ 3 kA • 80.7 kV @ 5 kA • 86.5 kV @ 10 kA • 93.6 kV @ 20 kA • 107 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	68.6
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	125 kV
Withstand Voltage - Lightning Impulse	261 kV
Withstand Voltage - Switching Impulse	219 kV

Certifications and Compliance

Industry Standard(s)	IEEE/IEC

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 - EVP0029003009 (for reference only)
Video - Hubbell Power Systems Metal Oxide Varistor (VI01022E0718)