

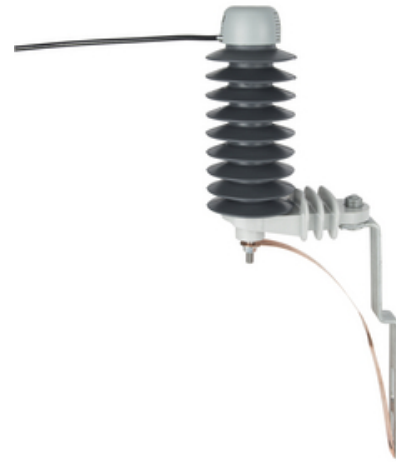
HUBBELL

Power Systems

PDV-65 Optima Arrester (8.4 kV MCOV, 7533 Hardware)

By OHIO BRASS
Catalog # [2172597533](#)

IEEE Normal Duty Class / IEC Distribution Medium Polymer
Housed Surge Arrester



Features

- Over 35 years of excellent field performance with over 40 million distribution arresters installed
- Long lasting ESP™ housing material with superior mechanical strength and electrical characteristics
- Reliable capacitive disconnecter operates at fault currents as low as 1 Amp
- Dynamic triple sealing system protects internal components from moisture ingress to extend service lifetime
- High quality MOV discs made in Wadsworth, Ohio since 1978
- Arresters assembled in Aiken, South Carolina
- 100% routine tested

General

Application	Distribution
Bracket Type	Transformer Bracket
Cantilever Bending Strength - Max.	45 Nm
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Hardware	Insulating Bracket with Disconnecter
Mounting Position	Upright
Type	Distribution
UPC	096359256892

Dimensions

Height	9.4 in
Maximum Operating Altitude	12000 ft

Electrical Ratings

Creep and Leakage Distance	15.4 in (391 mm)
Current - Low Current Long Duration (LCLD) Test	75 A
Duty Cycle	10 kV
Frequency Rating	48-62 Hz
MCOV	8.4 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	33.3 kV
Maximum Discharge Voltage	26.3 kV @ 1.5 kA 28 kV @ 3 kA 29.8 kV @ 5 kA 33.6 kV @ 10 kA 38.8 kV @ 20 kA 48.5 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	23.5 kV
Minimum Strike	6.1 in
Pressure Relief Capability-Symmetrical rms (kA)	15
Time - Low Current Long Duration (LCLD) Test	2000 Qs

Certifications And Compliance

Industry Standard(s)	IEEE/IEC
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Product Assets

- Brochures - Ohio Brass Sets the Standards for Arresters
- Catalogs - Arresters IEEE & IEC Distribution Class
- Installation Manuals - Installation Instructions for PDV/PVR Arresters - Spanish
- Installation Manuals - Installation Instructions for PDV/PVR Arresters - Chinese
- Installation Manuals - Installation Instructions for PDV/PVR Arresters - French
- Installation Manuals - PDV-PVR Polymer Distribution Class Arrester Installation Instructions
- 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 - Hubbell Arrester and Wildlife Guard Solution Kits
- Literature - Lightning Surge Arresters
- Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems
- Video - Hubbell Power Systems Metal Oxide Varistor