

PDV-65 Optima Arrester (5.1 kV MCOV, 7323 Hardware)

By OHIO BRASS
Catalog # [2172557323](#)

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



*Representative Image

Features

- Over 35 years of excellent field performance with over 36 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

Application

Distribution

General

Bracket Type	NEMA 4x5 Crossarm Bracket
Cantilever Bending Strength - Max.	45 Nm
Color	Gray Housing
Material	ESP™ Polymer Housing
Mounting Hardware	Insulating Bracket with Disconnecter
Mounting Position	Upright
Type	Distribution

Dimensions

Height	5.5 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	6 kV
Frequency Rating	48-62 Hz
MCOV	5.1 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	20.7 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 16.3 kV @ 1.5 kA • 17.3 kV @ 3 kA • 18.5 kV @ 5 kA • 20.8 kV @ 10 kA • 24 kV @ 20 kA • 30 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	14.6 kV
Minimum Strike	6.1 in
Pressure Relief Capability-Symmetrical rms (kA)	15
Time - Low Current Long Duration (LCLD) Test	2000 μ s

Certifications and Compliance

Industry Standard(s)	IEEE/IEC
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Product Assets

[Brochures - Ohio Brass Sets the Standards for Arresters \(EU1587\)](#)
[Catalogs - Arresters IEEE & IEC Distribution Class \(CA01065E_Catalog 70\)](#)
[Installation Manuals - PDV-PVR Polymer Distribution Class Arrester Installation Instructions \(17-5122\)](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - Chinese \(17-5122C\)](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - French \(17-5122F\)](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - Spanish \(17-5122S\)](#)
[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 - Lightning Surge Arresters \(SF01023E\)](#)



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