

## PDV-65 Optima Arrester (2.55 kV MCOV, 7354 Hardware)

By OHIO BRASS  
Catalog # 2172537354

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 6x6 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	3 kV
Frequency Rating	48-62 Hz
MCOV	2.55 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	10.5 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> <li>• 8.1 kV @ 1.5 kA</li> <li>• 8.7 kV @ 3 kA</li> <li>• 9.2 kV @ 5 kA</li> <li>• 10.4 kV @ 10 kA</li> <li>• 12 kV @ 20 kA</li> <li>• 15 kV @ 40 kA</li> </ul>
Maximum Switching Surge Protective Level @ 500A	7.3 kV
Minimum Strike	6.1 in
Pressure Relief Capability-Symmetrical rms (kA)	15
Time - Low Current Long Duration (LCLD) Test	2000 $\mu$ s

### Certifications and Compliance

Industry Standard(s)	IEEE/IEC
----------------------	----------

### 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 \(SF01023E\)](#)



A proud member of the Hubbell Family.

©2024 Hubbell Incorporated. All rights reserved.  
OB-2172537354-SPEC-EN | REV 1/2024