

# HUBBELL Power Systems

## PDV-65 Optima Arrester (7.65 kV MCOV, 7333 Hardware)

By OHIO BRASS  
Catalog # [2172587333](#)

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



\*Representative Image

### 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	096359256717

### Dimensions

Dimensions	11.438 in x 9.250 in x 4.938 in
Height	4.938 in
Length	11.438 in
Maximum Operating Altitude	12000 ft
Weight	2.9 lb
Width	9.25 in

### Electrical Ratings

Creep and Leakage Distance	15.4 in (391 mm)
Current - Low Current Long	75 A
Duration (LCLD) Test	
Duty Cycle	9 kV
Frequency Rating	48-62 Hz
MCOV	7.65 kV
Maximum .5 Microsecond	30 kV
Discharge Volts @ Classifying Current	
Maximum Discharge Voltage	23.6 kV @ 1.5 kA
	25.1 kV @ 3 kA
	26.8 kV @ 5 kA
	30.2 kV @ 10 kA
	34.9 kV @ 20 kA
	43.6 kV @ 40 kA
Maximum Switching Surge	21.1 kV
Protective Level @ 500A	
Minimum Strike	6.1 in
Pressure Relief Capability-Symmetrical rms (kA)	15
Time - Low Current Long	2000 Qs
Duration (LCLD) Test	

### Certifications And Compliance

Industry Standard(s)	IEEE/IEC
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## Logistics

Pallet Quantity

192

## 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

Sales Drawings - 2172587333 (Reference Only)

Video - Hubbell Power Systems Metal Oxide Varistor



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