

**PDV-65 Optima Arrester (15.3 kV  
MCOV, 7533 Hardware)**

By OHIO BRASS  
Catalog # [2132657533](#)

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

**Application**

Distribution

**General**

Bracket Type	Transformer Bracket
Cantilever Bending Strength - Max.	45 Nm
Catalog Number	2132657533
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359410225

**Dimensions**

Height	12.4 in
Stud Type	3/8-16

**Electrical Ratings**

Creep and Leakage Distance	25.5 in (648 mm)
Current - Low Current Long	75 A
Duration (LCLD) Test	
Duty Cycle	18 kV
Frequency Rating	48-62 Hz
MCOV	15.3 kV

Maximum .5 Microsecond Discharge Volts @ Classifying Current	59.7 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> <li>• 47.2 kV @ 1.5 kA</li> <li>• 50.3 kV @ 3 kA</li> <li>• 53.6 kV @ 5 kA</li> <li>• 60.3 kV @ 10 kA</li> <li>• 69.7 kV @ 20 kA</li> <li>• 87.1 kV @ 40 kA</li> </ul>
Maximum Switching Surge Protective Level @ 500A	42.2 kV
Minimum Strike	9.7 in
Pressure Relief Capability-Symmetrical rms (kA)	15
Time - Low Current Long Duration (LCLD) Test	2000 Qs

**Logistics**

Pallet Quantity	112
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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 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](#)
- [Specifications - 2132657533](#)
- [Specifications - Specification for IEEE Normal Duty Class Distribution Arresters](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)



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