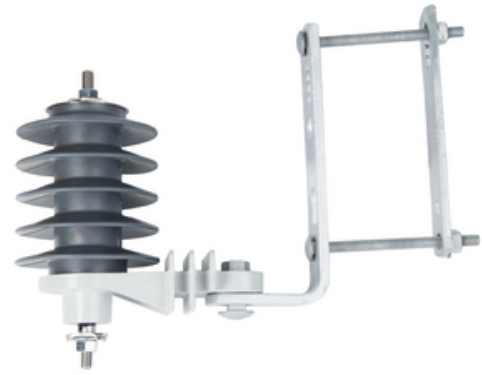


HUBBELL Power Systems

PDV-65 Optima Arrester (17 kV MCOV, 7224 Hardware)

By OHIO BRASS
Catalog # [2132677224](#)

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 | NEMA 4x5 Crossarm Bracket |
| Cantilever Bending Strength - Max. | 45 Nm |
| Color | Gray Housing |
| EU RoHS Indicator | Contact Manufacturer |
| Material | ESP™ Polymer Housing |
| Mounting Position | Upright |
| Type | Distribution |
| UPC | 096359410317 |

Dimensions

| | |
|--|--------------------|
| Height | 12.4 in |
| Minimum Mounting Spacing on Center (Sea Level) - Phase to | 8.2 in (208.28 mm) |
| Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase | 10 in (254 mm) |
| Stud Type | 3/8-16 |

Electrical Ratings

| | |
|--|------------------|
| Creep and Leakage Distance | 25.5 in (648 mm) |
| Current - Low Current Long Duration (LCLD) Test | 75 A |
| Duty Cycle | 21 kV |
| Frequency Rating | 48-62 Hz |
| MCOV | 17 kV |
| Maximum .5 Microsecond Discharge Volts @ Classifying Current | 67.2 kV |
| Maximum Discharge Voltage | 53.2 kV @ 1.5 kA |
| | 56.6 kV @ 3 kA |
| | 60.3 kV @ 5 kA |
| | 67.9 kV @ 10 kA |
| | 78.5 kV @ 20 kA |
| | 98.1 kV @ 40 kA |
| Maximum Switching Surge Protective Level @ 500A | 47.5 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 |
|-----------------|-----|

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](#)



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