

HUBBELL Power Systems

PDV-65 Optima Arrester (2.55 kV MCOV, 7314 Hardware)

By OHIO BRASS

Catalog # [2172537314](#)

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

Application

Distribution

General

Bracket Type	None
Cantilever Bending Strength - Max.	45 Nm
Catalog Number	2172537314
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Hardware	Insulating Bracket with Disconnecter
Mounting Position	Upright
Type	Distribution
UPC	096359256489

Dimensions

Height	4.9 in
Maximum Operating Altitude	12000 ft

Electrical Ratings

Creep and Leakage Distance	13.3 in (338 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">• 8.1 kV @ 1.5 kA• 8.7 kV @ 3 kA• 9.2 kV @ 5 kA• 10.4 kV @ 10 kA• 12 kV @ 20 kA• 15 kV @ 40 kA
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 Qs

Certifications And Compliance

Industry Standard(s)	IEEE/IEC
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Logistics

Pallet Quantity	224
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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 - Chinese](#)
[Installation Manuals - PDV-PVR Polymer Distribution Class Arrester Installation Instructions](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - Spanish](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - French](#)
[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
[Literature - Lightning Surge Arresters](#)
[Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)
[Literature - Hubbell Arrester and Wildlife Guard Solution Kits](#)
[Specifications - Specification for IEEE Normal Duty Class Distribution Arresters](#)
[Specifications - 2172537314](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)



A Hubbell brand