

HUBBELL Power Systems

PDV-65 Optima Arrester (10.2 kV MCOV, 7333 Hardware)

By OHIO BRASS
Catalog # [2175607333](#)

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	096359415770

Dimensions

Height	9.4 in
Maximum Operating Altitude	12000 ft

Electrical Ratings

Creep and Leakage Distance	15.4 in (391 mm)
Current - Low Current Long	75 A
Duration (LCLD) Test	
Duty Cycle	12 kV
Frequency Rating	48-62 Hz
MCOV	10.2 kV
Maximum .5 Microsecond	39.8 kV
Discharge Volts @ Classifying Current	
Maximum Discharge Voltage	31.5 kV @ 1.5 kA
	33.5 kV @ 3 kA
	35.7 kV @ 5 kA
	40.2 kV @ 10 kA
	46.5 kV @ 20 kA
	58.1 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	28.1 kV
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

Video - Hubbell Power Systems Metal Oxide Varistor



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