

PDV-100 Optima Arrester (12.7 kV MCOV, 7334 Hardware)

By OHIO BRASS
Catalog # [2137137334](#)

IEEE Heavy Duty / IEC Distribution High 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.	80 Nm
Catalog Number	2137137334
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359413356

Dimensions

Dimensions	0.001 in x 0.001 in x 0.001 in
Height	0.001 in
Length	0.001 in
Stud Type	3/8-16
Weight	5.9 lb
Width	0.001 in

Electrical Ratings

Creep and Leakage Distance	25.2 in (640 mm)
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Current - Low Current Long Duration (LCLD) Test	250 A
Duty Cycle	15 kV
Frequency Rating	48-62 Hz
MCOV	12.7 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	53.8 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 38.7 kV @ 1.5 kA • 41.4 kV @ 3 kA • 43.8 kV @ 5 kA • 47.8 kV @ 10 kA • 54.3 kV @ 20 kA • 64 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	34.5 kV
Minimum Strike	8.8 in
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000 Qs

Certifications And Compliance

Industry Standard(s)	IEEE/IEC
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Logistics

Pallet Quantity	112
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Product Assets

- [Catalogs - Arresters IEEE & IEC Distribution Class](#)
- [ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
- [Literature - Hubbell Arrester and Wildlife Guard Solution Kits](#)
- [Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)
- [Sales Drawings - 2137137334 \(Reference Only\)](#)
- [Specifications - Specification for IEEE Heavy Duty Class Distribution Arresters](#)
- [Specifications - 2137137334](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)