

HUBBELL Power Systems

PDV-100 Optima Arrester (8.4 kV MCOV, 7202 Hardware)

By Ohio Brass

Catalog # [2137097202](#)

PDV-100 Optima with no disconnecter



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

Specifications

Industry Standard(s)	IEEE/IEC
EU RoHS Indicator	Contact Manufacturer

Configuration

Mounting Position	Upright
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Current

Duty Cycle	10 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	35.5 kV
Current - Low Current Long Duration (LCLD) Test	250 A
Time - Low Current Long Duration (LCLD) Test	2000 μ s
Minimum Strike	5.7 in

Pressure Relief Capability-Symmetrical rms (kA)	20
Creep and Leakage Distance	14.4 in (365 mm)
Frequency Rating	48-62 Hz
Maximum Switching Surge Protective Level @ 500A	23.4 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 25.6 kV @ 1.5 kA • 27.4 kV @ 3 kA • 29 kV @ 5 kA • 31.6 kV @ 10 kA • 35.9 kV @ 20 kA • 42.3 kV @ 40 kA
MCOV	8.4 kV

Dimensions

Stud Type	3/8-16
Height	4.9 in

Force Related

Cantilever Bending Strength - Max.	80 Nm
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General

Type	Distribution
Material	ESP™ Polymer Housing
UPC	096359412472
Color	Gray Housing

Logistics

Carton Quantity	1
Pallet Quantity	224

Product Assets

[Catalog \[English\]](#)