



\* Representative image

# PDV-100 Arrester (24.4 kV Uc, CVBC Hardware)

by OHIO BRASS  
Catalog ID: 214224CVBC

IEC Class 1 Polymer Housed Surge Arrester

- Over 30 years of excellent field performance with over 36 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

## Product Details

### General

Application	Distribution
Bracket Type	None
Cantilever Bending Strength - Max.	2.04 in lbs (18.05 N-M)
Color	Gray Housing
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Class 1
UPC	096359434443

### Dimensions

Height	17.2 in
Stud Type	M12

### Electrical Ratings

Creep and Leakage Distance	414 mm
Duty Cycle	30 kV
Frequency Rating	48-62 Hz
MCOV	24.4 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	95.8 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> <li>• 73.1 kV @ 1.5 kA</li> <li>• 76.2 kV @ 3 kA</li> <li>• 79.3 kV @ 5 kA</li> <li>• 85.5 kV @ 10 kA</li> <li>• 94.5 kV @ 20 kA</li> <li>• 109.4 kV @ 40 kA</li> </ul>
Maximum Switching Surge Protective Level @ 500A	62.9 kV
Minimum Strike	414.0 mm
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000

## Certifications and Compliance

Industry Standard(s)	IEC
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**For further technical assistance, please contact us**

### **Domestic Customer Service**

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