

PDV-65 Optima Arrester (24.4 kV
MCOV, C2CC Hardware)

By OHIO BRASS
Catalog # 294024C2CC

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.	33.192 lb.
Catalog Number	294024C2CC
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution

Dimensions

Height	13.5 in
Minimum Mounting Spacing on Center (Sea Level) - Phase to	11.8 in (299.72 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to	13.6 in (345.44 mm)
Phase	
Stud Type	3/8-16

Electrical Ratings

Creep and Leakage Distance	38.7 in (983 mm)
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Current - Low Current Long Duration (LCLD) Test	75 A
Duty Cycle	30 kV
Frequency Rating	48-62 Hz
MCOV	24.4 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	99.5 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 78.7 kV @ 1.5 kA• 83.8 kV @ 3 kA• 89.3 kV @ 5 kA• 100.6 kV @ 10 kA• 116.2 kV @ 20 kA• 145.2 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	70.4 kV
Minimum Strike	15 in
Pressure Relief Capability-Symmetrical rms (kA)	16
Time - Low Current Long Duration (LCLD) Test	2000 Qs
Withstand Voltage - 60 Hz Wet	82
Withstand Voltage - Lightning Impulse	230
Withstand Voltage - Switching Impulse	76.1

Certifications And Compliance

Industry Standard(s)	IEEE/IEC
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Logistics

Pallet Quantity	35
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Product Assets

[Brochures - Ohio Brass Sets the Standards for Arresters](#)
[Catalogs - Arresters IEEE & IEC Distribution Class](#)
[Installation Manuals - PDV-PVR Polymer Distribution Class Arrester Installation Instructions](#)
[Specifications - 294024C2CC](#)
[Specifications - Specification for IEEE Normal Duty Class Distribution Arresters](#)



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