

PDV-65 Optima Arrester (7.65 kV U_c, CCAA Hardware)

By OHIO BRASS
Catalog # [294008CCAA](#)

IEEE Normal Duty Class / IEC Distribution Medium 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 | None |
| Color | Gray |
| Material | ESP™ Polymer Housing |
| Type | Distribution |

Dimensions

| | |
|-----------|-----|
| Stud Type | M12 |
|-----------|-----|

Electrical Ratings

| | |
|--|---|
| Creep and Leakage Distance | 15.4 in (391 mm) |
| Current - Low Current Long Duration (LCLD) Test | 75A |
| Duty Cycle | 9 kV |
| Frequency Rating | 48-62 Hz |
| MCOV | 7.65 kV |
| Maximum .5 Microsecond Discharge Volts @ Classifying Current | 30.0 kV |
| Maximum Discharge Voltage | <ul style="list-style-type: none"> • 23.6 kV @ 1.5 kA • 25.1 kV @ 3 kA • 26.8 kV @ 5 kA • 30.2 kV @ 10 kA • 34.9 kV @ 20 kA • 43.6 kV @ 40 kA |
| Maximum Switching Surge Protective Level @ 500A | 21.1 kV |
| Pressure Relief Capability-Symmetrical rms (kA) | 15 |
| Time - Low Current Long Duration (LCLD) Test | 2000 μs |
| Withstand Voltage - 60 Hz Wet | 29.7 |
| Withstand Voltage - Lightning Impulse | 55.4 |

Product Assets

[Brochures - Ohio Brass Sets the Standards for Arresters \(EU1587\)](#)
[Catalogs - Arresters IEEE & IEC Distribution Class \(CA01065E_Catalog 70\)](#)
[Installation Manuals - PDV-PVR Polymer Distribution Class Arrester Installation Instructions \(17-5122\)](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - Chinese \(17-5122C\)](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - French \(17-5122F\)](#)
[Installation Manuals - Installation Instructions for PDV/PVR Arresters - Spanish \(17-5122S\)](#)
[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 - Application Guide: Metal-oxide Surge Arresters for use on AC systems \(TD01135E\)](#)
[Literature - Lightning Surge Arresters \(SF01023E\)](#)
[Literature - Hubbell Arrester and Wildlife Guard Solution Kits \(SF14069E\)](#)



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