HUBBELL
Power Systems

PDV-65 Optima Arrester (10.2 kV Uc, CCBI Hardware)

By OHIO BRASS
Catalog # 294010CCBI

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 disconnector 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	NEMA Crossarm Bracket
Catalog Number	294010CCBI
Color	Gray Housing
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	12 kV
Frequency Rating	48-62 Hz
MCOV	10.2 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	39.8 kV
Maximum Discharge Voltage	• 31.5 kV @ 1.5 kA • 33.5 kV @ 3 kA • 35.7 kV @ 5 kA • 40.2 kV @ 10 kA • 46.5 kV @ 20 kA • 58.1 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	28.1 kV
Pressure Relief Capability-Symmetrical rms (kA)	15
Time - Low Current Long Duration (LCLD) Test	2000 microsec
Withstand Voltage - 60 Hz Wet	39.7
Withstand Voltage - Lightning Impulse	80.9

Product Assets

Brochures - Ohio Brass Sets the Standards for Arresters
Catalogs - Arresters IEEE & IEC Distribution Class
Installation Manuals - Installation Instructions for PDV/PVR Arresters - Spanish
Installation Manuals - Installation Instructions for PDV/PVR Arresters - Chinese
Installation Manuals - Installation Instructions for PDV/PVR Arresters - French
Installation Manuals - PDV-PVR Polymer Distribution Class Arrester Installation Instructions
ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.
Literature - Hubbell Arrester and Wildlife Guard Solution Kits
Literature - Lightning Surge Arresters
Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems
Specifications - 294010CCBI
Video - Hubbell Power Systems In Depth: Distribution Arresters
Video - Hubbell Power Systems Metal Oxide Varistor

©2024 Hubbell Incorporated. All rights reserved