HUBBELL
Power Systems

PVR Optima (7.65 kV MCOV, 7314 Hardware)

By OHIO BRASS
Catalog # 2216087314

IEEE Riser Pole Class 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	None
Cantilever Bending Strength - Max.	135 Nm
Catalog Number	2216087314
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359261353

Dimensions

Dimensions	9.813 in x 7.313 in x 4.875 in
Height	4.875 in
Length	9.813 in
Minimum Mounting Spacing on Center (Sea Level) - Phase to	3.8 in (96.52 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	5.8 in (147.32 mm)
Stud Type	3/8-16
Weight	2 lb
Width	7.313 in

Electrical Ratings

Creep and Leakage Distance	15.4 in (391 mm)
Current - Low Current Long Duration (LCLD) Test	250 A
Duty Cycle	9 kV
Frequency Rating	48-62 Hz
MCOV	7.65 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	27.6 kV
Maximum Discharge Voltage	• 20.9 kV @ 1.5 kA • 21.8 kV @ 3 kA • 22.7 kV @ 5 kA • 24.5 kV @ 10 kA • 27.1 kV @ 20 kA • 31.4 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	18 kV
Minimum Strike	6.1 in
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000 Qs
Withstand Voltage - 60 Hz Wet	20.2
Withstand Voltage - Lightning Impulse	46.3

Logistics

Pallet Quantity	192

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
Sales Drawings - 2216087314 (Reference Only)
Specifications - 2216087314
Video - Hubbell Power Systems Metal Oxide Varistor

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