HUBBELL
Power Systems

PVR Optima (8.4 kV MCOV, 7224 Hardware)

By OHIO BRASS
Catalog # 2216097224

IEEE Riser Pole Class 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 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 4x5 Crossarm Bracket
Cantilever Bending Strength - Max.	135 Nm
Catalog Number	2216097224
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Distribution
UPC	096359261421

Dimensions

Height	4.7 in
Stud Type	3/8-16

Electrical Ratings

Creep and Leakage Distance	13.8 in (351 mm)
Current - Low Current Long Duration (LCLD) Test	250 A
Duty Cycle	10 kV
Frequency Rating	48-62 Hz
MCOV	8.4 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	30.3 kV
Maximum Discharge Voltage	• 23.1 kV @ 1.5 kA • 24.1 kV @ 3 kA • 25.1 kV @ 5 kA • 27 kV @ 10 kA • 29.8 kV @ 20 kA • 34.6 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	19.9 kV
Minimum Strike	6.1 in
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000 Qs

Certifications And Compliance

Industry Standard(s)	IEEE

Logistics

Pallet Quantity	192

Product Assets

Catalogs - Arresters IEEE & IEC Distribution Class
ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.
Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems
Literature - Hubbell Arrester and Wildlife Guard Solution Kits
Specifications - 2216097224
Video - Hubbell Power Systems Metal Oxide Varistor