



* Representative image

PDV-100 Arrester (12.7 kV Uc, CVBC Hardware)

by OHIO BRASS
Catalog ID: 214213CVBC

IEC Class 1 Polymer Housed Surge Arrester

- Over 30 years of excellent field performance with over 36 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

Product Details

General

Application	Distribution
Bracket Type	None
Cantilever Bending Strength - Max.	2.04 in lbs (18.05 N-M)
Color	Gray Housing
Material	ESP™ Polymer Housing
Mounting Position	Upright
Type	Class 1
UPC	096359434283

Dimensions

Height	8.5 in
Stud Type	M12

Electrical Ratings

Creep and Leakage Distance	780 mm
Duty Cycle	15 kV
Frequency Rating	48-62 Hz
MCOV	12.7 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	48.0 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 36.6 kV @ 1.5 kA • 38.1 kV @ 3 kA • 39.7 kV @ 5 kA • 42.8 kV @ 10 kA • 47.3 kV @ 20 kA • 54.8 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	31.5 kV
Minimum Strike	270.0 mm
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000

Certifications and Compliance

Industry Standard(s)	IEC
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For further technical assistance, please contact us

Domestic Customer Service

Hubbell Power Systems
210 N. Allen Centralia, MO 65240 USA
Phone: (573) 682-5521
Fax: (573) 682-8475
Email: hpscsc@hubbell.com

International Customer Service

Phone: +1-573-682-5521
Fax: +1-573-682-8516
Email: hpsintlcs@hubbell.com