

HUBBELL Power Systems

MVN Arrester (180 kV MCOV)

By OHIO BRASS

Catalog # [MVN228GA180AA](#)

IEEE Station Class Porcelain Housed Surge Arrester



Features

- IEEE porcelain station class arrester
- IEEE 693 High Performance Qualification
- High quality MOV discs made in Wadsworth, Ohio since 1978
- Arresters assembled in Aiken, South Carolina
- 100% routine tested

General

Cantilever Bending Strength - Max.	150,000 in lbs
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	Porcelain Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Metal Top/Tripod Base
Type	Station
UPC	096359506584

Dimensions

Bolt Circle Diameter	10 in
Diameter - Lug Hole	.88 in (22.352 mm)
Diameter - Ring	25.2 in / 15.0 in
Diameter - Single Bolt Hole(s)	0.75 in
Height	95.6 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	54 in (1372 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to	62 in (1575 mm)
Phase	
Thickness - Lug	1.25 in (31.75 mm)

Electrical Ratings

Creep and Leakage Distance	252.5 in (6414 mm)
Duty Cycle	228 kV
Frequency Rating	48-62 Hz
MCOV	180 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	566 kV
Maximum Discharge Voltage	462 kV @ 1.5 kA
	481 kV @ 3 kA
	497 kV @ 5 kA
	522 kV @ 10 kA
	557 kV @ 20 kA
	613 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	443
Pressure Relief Capability-Symmetrical rms (kA)	65

Certifications And Compliance

Industry Standard(s)	IEEE
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Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC](#)
[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](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)



A Hubbell brand

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