

## MVN Arrester (106 kV MCOV)

By OHIO BRASS  
Catalog # [MVN132GA106AA](#)

IEEE Station Class Porcelain Housed Surge Arrester



\*Representative Image

### 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
EU RoHS Indicator	Contact Manufacturer
Material	Porcelain Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Metal Top/Tripod Base
Type	Station
UPC	096359506522

### Dimensions

Bolt Circle Diameter	10.00 in
Diameter - Lug Hole	.88 in (22.352 mm)
Diameter - Single Bolt Hole(s)	0.75 in
Dimensions	55.000 in x 15.000 in x 19.000 in
Height	19.000 in
Length	55.000 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to Ground	30 in (762 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	39 in (991 mm)
Thickness - Lug	1.25 in (31.75 mm)
Weight	294 lb
Width	15.000 in

### Electrical Ratings

Creep and Leakage Distance	152.5 in (3874 mm)
Duty Cycle	132 kV
Frequency Rating	48-62 Hz
MCOV	106 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	334.0 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> <li>• 27 kV @ 1.5 kA</li> <li>• 284 kV @ 3 kA</li> <li>• 294 kV @ 5 kA</li> <li>• 308 kV @ 10 kA</li> <li>• 329 kV @ 20 kA</li> <li>• 362 kV @ 40 kA</li> </ul>
Maximum Switching Surge Protective Level @ 1000A	261
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 \(CA01082E\\_Catalog 30\\_0923\\_web\)](#)  
[Installation Manuals - Porcelain Hollow Core Station Class Arrester Installation Instructions \(17-5092\)](#)  
[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 \(TD01135E\)](#)  
[Sales Drawings - MVN132GA106AA \(Reference Only\)](#)  
[Video - Hubbell Power Systems Metal Oxide Varistor \(V101022E0718\)](#)



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