

# HUBBELL Power Systems

## MVN Arrester (88 kV MCOV)

By OHIO BRASS

Catalog # [MVN108GA088AA](#)

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	096359506515

### Dimensions

Bolt Circle Diameter	10 in
Diameter - Lug Hole	.88 in (22.352 mm)
Diameter - Single Bolt Hole(s)	0.75 in
Dimensions	48.000 in x 14.000 in x 20.000 in
Height	20 in
Length	48 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	26 in (660 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to	35 in (889 mm)
Phase	
Thickness - Lug	1.25 in (31.75 mm)
Weight	257 lb
Width	14 in

### Electrical Ratings

Creep and Leakage Distance	126.3 in (3208 mm)
Duty Cycle	108 kV
Frequency Rating	48-62 Hz
MCOV	88 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	277 kV
Maximum Discharge Voltage	226 kV @ 1.5 kA
	235 kV @ 3 kA
	243 kV @ 5 kA
	255 kV @ 10 kA
	273 kV @ 20 kA
	300 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	210 kV
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](#)  
[Sales Drawings - MVN108GA088AA \(Reference Only\)](#)  
[Video - Hubbell Power Systems Metal Oxide Varistor](#)



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