

# HUBBELL Power Systems

## MVN Arrester (190 kV MCOV)

By OHIO BRASS  
Catalog # [MVN240GA190AA](#)

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	096359506768

### 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	56 in (1422 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to	65 in (1651 mm)
Phase	
Thickness - Lug	1.25 in (31.75 mm)

### Electrical Ratings

Creep and Leakage Distance	252.5 in (6414 mm)
Duty Cycle	240 kV
Frequency Rating	48-62 Hz
MCOV	190 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	598 kV
Maximum Discharge Voltage	488 kV @ 1.5 kA
	507 kV @ 3 kA
	525 kV @ 5 kA
	551 kV @ 10 kA
	588 kV @ 20 kA
	647 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	467
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](#)



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