

MVN Arrester (353 kV MCOV)

By OHIO BRASS
Catalog # [MVN444GA353AA](#)

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
Material	Porcelain Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Metal Top/Tripod Base
Type	Station
UPC	096359506621

Dimensions

Bolt Circle Diameter	10.00 in
Diameter - Lug Hole	.88 in (22.352 mm)
Diameter - Ring	60.2 in / 35.8 in
Diameter - Single Bolt Hole(s)	0.75 in
Height	179.1 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to Ground	112 in (2845 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	128 in (3251 mm)
Thickness - Lug	1.25 in (31.75 mm)

Electrical Ratings

Creep and Leakage Distance	478.8 in (12162 mm)
Duty Cycle	444 kV
Frequency Rating	48-62 Hz
MCOV	353 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	1169.0 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 906 kV @ 1.5 kA • 942 kV @ 3 kA • 974 kV @ 5 kA • 1023 kV @ 10 kA • 1092 kV @ 20 kA • 1202 kV @ 40 kA
Maximum Switching Surge Protective Level @ 2000A	898
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 \(TD01135E\)](#)
[Video - Hubbell Power Systems Metal Oxide Varistor \(VI01022E0718\)](#)

