

MVN Arrester (98 kV MCOV)

By OHIO BRASS
Catalog # [MVN120GA098AA](#)

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
Catalog Number	MVN120GA098AA
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	096359493488

Dimensions

Bolt Circle Diameter	10 in
Diameter - Lug Hole	.88 in (22.352 mm)
Diameter - Single Bolt Hole(s)	0.75 in
Dimensions	12.000 in x 12.000 in x 38.070 in
Height	38.07 in
Length	12 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	28 in (711 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	37 in (940 mm)
Thickness - Lug	1.25 in (31.75 mm)
Weight	263 lb

Width 12 in

Electrical Ratings

Creep and Leakage Distance	126.3 in (3208 mm)
Duty Cycle	120 kV
Frequency Rating	48-62 Hz
MCOV	98 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	308 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 252 kV @ 1.5 kA• 262 kV @ 3 kA• 271 kV @ 5 kA• 284 kV @ 10 kA• 304 kV @ 20 kA• 334 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	241
Pressure Relief Capability-Symmetrical rms (kA)	65

Certifications And Compliance

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)
Industry Standard(s)	IEEE

Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC](#)
[Installation Manuals - Porcelain Hollow Core Station Class Arrester Installation Instructions](#)
[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
[Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)
[Sales Drawings - MVN120GA098AA \(Reference Only\)](#)
[Specifications - MVN120GA098AA](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)