

## VL Arrester (8.4 kV MCOV)

By OHIO BRASS  
Catalog # [VLN010GA009AA](#)

IEEE Station Class and IEC Station Medium (SM) Class  
Porcelain Housed Surge Arrester



\*Representative Image

### Features

- IEEE porcelain station class arrester
- IEC porcelain Station Medium (SM) class arrester
- High quality MOV discs made in Wadsworth, Ohio since 1978
- Arresters assembled in Aiken, South Carolina
- 100% routine tested

### General

Cantilever Bending Strength - Max.	70000 lb
Color	Gray
Material	Porcelain
Mounting Hardware	NEMA 4-Hole Pad and Single Eyebolt Terminals
Mounting Position	Metal Top/Tripod Base
Type	Station
UPC	096359746003

### Dimensions

Bolt Circle Diameter	10.00 in
Diameter - Lug Hole	.56 in (14 mm)
Diameter - Single Bolt Hole(s)	0.50 in
Dimensions	15.000 in x 8.500 in x 9.000 in
Height	9.000 in
Length	15.000 in
Maximum Operating Altitude	12000 ft
Thickness - Lug	1.25 in (31.75 mm)
Weight	78 lb
Width	8.500 in

### Electrical Ratings

Creep and Leakage Distance	6.2 in (157 mm)
Duty Cycle	10 kV
Frequency Rating	48-62 Hz
MCOV	8.4 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"><li>• 22 kV @ 1.5 kA</li><li>• 223.2 kV @ 3 kA</li><li>• 24.3 kV @ 5 kA</li><li>• 26 kV @ 10 kA</li><li>• 28.5 kV @ 20 kA</li><li>• 31.8 kV @ 40 kA</li></ul>

Maximum Switching Surge Protective Level @ 1000A	22
Maximum Switching Surge Protective Level @ 500A	21.0 kV
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet	30
Withstand Voltage - Lightning Impulse	110
Withstand Voltage - Switching Impulse	76

### Certifications and Compliance

Industry Standard(s)	IEEE & IEC
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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 \(17-5092\)](#)  
[Sales Drawings - VLN010GA009AA \(Reference Only\)](#)

