

VL Arrester (29 kV MCOV)

By OHIO BRASS
Catalog # [VLN036GA029AA](#)

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



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
Catalog Number	VLN036GA029AA
Color	Gray
Material	Porcelain
Mounting Hardware	NEMA 4-Hole Pad and Single Eyebolt Terminals
Mounting Position	Metal Top/Tripod Base
Type	Station
UPC	096359747932

Dimensions

Bolt Circle Diameter	10 in
Diameter - Lug Hole	.56 in (14 mm)
Diameter - Single Bolt Hole(s)	0.5 in
Dimensions	10.000 in x 9.000 in x 5.000 in
Height	5 in
Length	10 in
Maximum Operating Altitude	12000 ft
Thickness - Lug	1.25 in (31.75 mm)
Weight	104 lb
Width	9 in

Electrical Ratings

Creep and Leakage Distance	31.7 in (805 mm)
Duty Cycle	36 kV
Frequency Rating	48-62 Hz
MCOV	29 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 74.4 kV @ 1.5 kA• 78.4 kV @ 3 kA• 82.2 kV @ 5 kA• 88 kV @ 10 kA• 96.4 kV @ 20 kA• 107.6 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	72
Maximum Switching Surge Protective Level @ 500A	69.5 kV
Pressure Relief Capability-Symmetrical rms (kA)	63
Withstand Voltage - 60 Hz Wet Impulse	80
Withstand Voltage - Lightning Impulse	200
Withstand Voltage - Switching Impulse	160

Certifications And Compliance

Industry Standard(s)	IEEE & IEC
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Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC](#)
[Installation Manuals - Porcelain Hollow Core Station Class Arrester Installation Instructions](#)
[Sales Drawings - VLN036GA029AA \(Reference Only\)](#)
[Specifications - VLN036GA029AA](#)