

SVN Arrester (29 kV MCOV)

By OHIO BRASS
Catalog # [SVN036CA029AA](#)

IEEE Station Class Polymer Housed Surge Arrester



*Representative Image

Features

- IEEE silicone 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

Application

Station

General

Cantilever Bending Strength - Max.	70000 in lbs
Color	Gray Housing
Material	Silicone Polymer Housing
Mounting Position	Upright
Type	Station
UPC	096359723837

Dimensions

Bolt Circle Diameter	10.00 in
Diameter - Lug Hole	0.56 in (14 mm)
Diameter - Single Bolt Hole(s)	0.56 in
Height	38.1 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to Ground	133 mm
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	165 mm
Thickness - Lug	0.25 in (7 mm) - 0.81 in (21 mm)

Electrical Ratings

Creep and Leakage Distance	83.9 in (2130 mm)
Duty Cycle	36 kV
Frequency Rating	48-62 Hz
MCOV	29 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	92.0 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 75 kV @ 1.5 kA • 78 kV @ 3 kA • 80.5 kV @ 5 kA • 84.5 kV @ 10 kA • 90.5 kV @ 20 kA • 99.5 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	72.0 kV
Maximum Switching Surge Protective Level @ 2000A	74.5 kV
Maximum Switching Surge Protective Level @ 500A	69.5 kV
Pressure Relief Capability- Symmetrical rms (kA)	65
Withstand Voltage - 60 Hz Wet	186 kVrms
Withstand Voltage - Lightning Impulse	374 kV
Withstand Voltage - Switching Impulse	309 kV

Conductor Related

Conductor Type	Aluminum/Copper
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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 - Polymer Hollow Core Station Class Arrester Installation Instructions \(17-5155\)](#)
[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 \(TD01135E\)](#)



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