

# HUBBELL Power Systems

## SVN Arrester (115 kV MCOV)

By OHIO BRASS  
Catalog # [SVN144GA115BB](#)

IEEE Station Class Polymer Housed Surge Arrester



### 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

### General

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

### Dimensions

Bolt Circle Diameter	10 in
Diameter - Single Bolt Hole(s)	0.56 in
Height	58.8 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	645 mm
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	743 mm
Thickness - Lug	0.25 in (7 mm) - 0.81 in (21 mm)

### Electrical Ratings

Creep and Leakage Distance	172.1 in (4370 mm)
Duty Cycle	144 kV
Frequency Rating	48-62 Hz
MCOV	115 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	363 kV
Maximum Discharge Voltage	296 kV @ 1.5 kA
	308 kV @ 3 kA
	318 kV @ 5 kA
	334 kV @ 10 kA
	357 kV @ 20 kA
	393 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	283.0 kV
Maximum Switching Surge Protective Level @ 2000A	293.0 kV
Maximum Switching Surge Protective Level @ 500A	275 kV
Pressure Relief Capability-Symmetrical rms (kA)	65
Withstand Voltage - 60 Hz Wet	349 kVrms
Withstand Voltage - Lightning Impulse	680 kV
Withstand Voltage - Switching Impulse	581 kV

### Conductor Related

Conductor Type	Aluminum/Copper
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## Certifications And Compliance

Industry Standard(s)

IEEE

### Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC](#)

[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](#)

[Sales Drawings - SVN144GA115BB \(For Reference Only\)](#)

[Video - Hubbell Power Systems Metal Oxide Varistor](#)



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