

SVN Arrester (115 kV MCOV)

By OHIO BRASS  
Catalog # [SVN144GA115AA](#)

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

Application

Station

General

Cantilever Bending Strength - Max.	70000 in lbs
Catalog Number	SVN144GA115AA
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	Silicone Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Upright
Type	Station
UPC	096359444589

Dimensions

Bolt Circle Diameter	10 in
Diameter - Lug Hole	0.56 in (14 mm)
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	<ul style="list-style-type: none"><li>• 296 kV @ 1.5 kA</li><li>• 308 kV @ 3 kA</li><li>• 318 kV @ 5 kA</li><li>• 334 kV @ 10 kA</li><li>• 357 kV @ 20 kA</li><li>• 393 kV @ 40 kA</li></ul>
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 Impulse	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
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Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC](#)  
[Installation Manuals - Polymer Hollow Core Station Class Arrester Installation Instructions](#)  
[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)  
[Literature - Polymer Station Arrester](#)  
[Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)  
[Sales Drawings - SVN144GA115AA \(For Reference Only\)](#)  
[Specifications - SVN144GA115AA](#)  
[Video - Hubbell Power Systems Metal Oxide Varistor](#)



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