

**SVN Arrester (230 kV MCOV)**

By OHIO BRASS  
Catalog # [SVN288GA230AA](#)

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	SVN288GA230AA
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	Silicone Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Upright
Type	Station
UPC	096359484035

**Dimensions**

Bolt Circle Diameter	10 in
Diameter - Lug Hole	0.56 in (14 mm)
Diameter - Ring	39 in / 18 in
Diameter - Single Bolt Hole(s)	0.56 in
Dimensions	29.500 in x 9.500 in x 4.000 in
Height	4 in
Length	29.5 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	1327 mm
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	1514 mm
Thickness - Lug	0.25 in (7 mm) - 0.81 in (21 mm)
Weight	385 lb
Width	9.5 in

**Electrical Ratings**

Creep and Leakage Distance	344.1 in (8740 mm)
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Duty Cycle	288 kV
Frequency Rating	48-62 Hz
MCOV	230 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	724 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"><li>• 591 kV @ 1.5 kA</li><li>• 614 kV @ 3 kA</li><li>• 635 kV @ 5 kA</li><li>• 667 kV @ 10 kA</li><li>• 712 kV @ 20 kA</li><li>• 784 kV @ 40 kA</li></ul>
Maximum Switching Surge Protective Level @ 1000A	565.0 kV
Maximum Switching Surge Protective Level @ 2000A	585.0 kV
Maximum Switching Surge Protective Level @ 500A	549 kV
Pressure Relief Capability-Symmetrical rms (kA)	65
Withstand Voltage - 60 Hz Wet Impulse	698 kVrms
Withstand Voltage - Lightning Impulse	1360 kV
Withstand Voltage - Switching Impulse	1161 kV

**Conductor Related**

Conductor Type	Aluminum/Copper
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**Certifications And Compliance**

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)
Industry Standard(s)	IEEE

**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 - SVN288GA230AA \(For Reference Only\)](#)  
[Specifications - SVN288GA230AA](#)



**A Hubbell brand**