

SVN Arrester (220 kV MCOV)

By OHIO BRASS
Catalog # [SVN276GA220AA](#)

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	SVN276GA220AA
Color	Gray Housing
EU RoHS Indicator	Contact Manufacturer
Material	Silicone Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Upright
Type	Station
UPC	096359493525

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	0.001 in x 0.001 in x 0.001 in
Height	0.001 in
Length	0.001 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	1268 mm
Minimum Mounting Spacing on Center (Sea Level)- Phase to	1447 mm
Phase	
Thickness - Lug	0.25 in (7 mm) - 0.81 in (21 mm)
Weight	370 lb
Width	0.001 in

Electrical Ratings

Creep and Leakage Distance	314.6 in (7990 mm)
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Duty Cycle	276 kV
Frequency Rating	48-62 Hz
MCOV	220 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	692 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 565 kV @ 1.5 kA• 587 kV @ 3 kA• 608 kV @ 5 kA• 638 kV @ 10 kA• 681 kV @ 20 kA• 750 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	541.0 kV
Maximum Switching Surge Protective Level @ 2000A	560.0 kV
Maximum Switching Surge Protective Level @ 500A	525 kV
Pressure Relief Capability-Symmetrical rms (kA)	65
Withstand Voltage - 60 Hz Wet Impulse	659 kVrms
Withstand Voltage - Lightning Impulse	1259 kV
Withstand Voltage - Switching Impulse	1096 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 - SVN276GA220AA \(For Reference Only\)](#)
[Specifications - SVN276GA220AA](#)



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