

HUBBELL Power Systems

SVN Arrester (245 kV MCOV)

By OHIO BRASS

Catalog # [SVN312GA245AA](#)

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
EU RoHS Indicator	Contact Manufacturer
Material	Silicone Polymer Housing
Mounting Hardware	Single Eyebolt Terminals
Mounting Position	Upright
Type	Station
UPC	096359566854

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
Height	129.6 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	1416 mm
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	1614 mm
Thickness - Lug	0.25 in (7 mm) - 0.81 in (21 mm)

Electrical Ratings

Creep and Leakage Distance	369.3 in (9380 mm)
Duty Cycle	312 kV
Frequency Rating	48-62 Hz
MCOV	245 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	770 kV
Maximum Discharge Voltage	629 kV @ 1.5 kA
	654 kV @ 3 kA
	676 kV @ 5 kA
	710 kV @ 10 kA
	758 kV @ 20 kA
	834 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	602.0 kV
Maximum Switching Surge Protective Level @ 2000A	623.0 kV
Maximum Switching Surge Protective Level @ 500A	584 kV
Pressure Relief Capability-Symmetrical rms (kA)	65
Withstand Voltage - 60 Hz Wet Impulse	808 kVrms
Withstand Voltage - Lightning Impulse	1507 kV
Withstand Voltage - Switching Impulse	1344 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 - SVN312GA245AA \(For Reference Only\)](#)

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



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