

HUBBELL Power Systems

SVN Arrester (17 kV MCOV)

By OHIO BRASS

Catalog # [SVN021CA017AA](#)

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 - Lug Hole	0.56 in (14 mm)
Diameter - Single Bolt Hole(s)	0.56 in
Height	38.1 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	61 mm
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	83 mm
Thickness - Lug	0.25 in (7 mm) - 0.81 in (21 mm)

Electrical Ratings

Creep and Leakage Distance	83.9 in (2130 mm)
Duty Cycle	21 kV
Frequency Rating	48-62 Hz
MCOV	17 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	53.5 kV
Maximum Discharge Voltage	43.7 kV @ 1.5 kA
	45.4 kV @ 3 kA
	47 kV @ 5 kA
	49.3 kV @ 10 kA
	53 kV @ 20 kA
	58 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	41.8 kV
Maximum Switching Surge Protective Level @ 2000A	43.3 kV
Maximum Switching Surge Protective Level @ 500A	40.6 kV
Pressure Relief Capability- Symmetrical rms (kA)	65
Withstand Voltage - 60 Hz Wet	186 kVrms
Withstand Voltage - Lightning Impulse	374 kV
Withstand Voltage - Switching Impulse	309 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](#)

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



A Hubbell brand

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OB-SVN021CA017AA-SPEC-EN | REV 6/2024