

HUBBELL Power Systems

SVN Arrester (140 kV MCOV)

By OHIO BRASS

Catalog # [SVN172GA140AA](#)

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	096359490197

Dimensions

Bolt Circle Diameter	10 in
Diameter - Lug Hole	0.56 in (14 mm)
Diameter - Ring	25 in / 15 in
Diameter - Single Bolt Hole(s)	0.56 in
Height	76.8 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	793 mm
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	910 mm
Thickness - Lug	0.25 in (7 mm) - 0.81 in (21 mm)

Electrical Ratings

Creep and Leakage Distance	197.2 in (5010 mm)
Duty Cycle	172 kV
Frequency Rating	48-62 Hz
MCOV	140 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	441 kV
Maximum Discharge Voltage	360 kV @ 1.5 kA
	374 kV @ 3 kA
	387 kV @ 5 kA
	406 kV @ 10 kA
	434 kV @ 20 kA
	477 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	344.0 kV
Maximum Switching Surge Protective Level @ 2000A	357.0 kV
Maximum Switching Surge Protective Level @ 500A	334 kV
Pressure Relief Capability-Symmetrical rms (kA)	65
Withstand Voltage - 60 Hz Wet Impulse	435 kVrms
Withstand Voltage - Lightning Impulse	838 kV
Withstand Voltage - Switching Impulse	724 kV

Conductor Related

Conductor Type	Aluminum/Copper
----------------	-----------------

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 - SVN172GA140AA \(For Reference Only\)](#)

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



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
OB-SVN172GA140AA-SPEC-EN | REV 6/2024