

SVN Arrester (152 kV MCOV)

By OHIO BRASS
Catalog # SVN192GA152CC

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	SVN192GA152CC
Color	Gray Housing
Material	Silicone Polymer Housing
Mounting Position	Upright
Type	Station

Dimensions

Bolt Circle Diameter	10 in
Diameter - Single Bolt Hole(s)	0.56 in
Height	83.1 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	864 mm
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	991 mm
Thickness - Lug	0.25 in (7 mm) - 0.81 in (21 mm)

Electrical Ratings

Creep and Leakage Distance	226.8 in (5760 mm)
Duty Cycle	192 kV
Frequency Rating	48-62 Hz
MCOV	152 kV

Maximum .5 Microsecond Discharge Volts @ Classifying Current	479 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 391 kV @ 1.5 kA• 406 kV @ 3 kA• 420 kV @ 5 kA• 441 kV @ 10 kA• 471 kV @ 20 kA• 518 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	374.0 kV
Maximum Switching Surge Protective Level @ 2000A	387.0 kV
Maximum Switching Surge Protective Level @ 500A	363 kV
Pressure Relief Capability-Symmetrical rms (kA)	65
Withstand Voltage - 60 Hz Wet Impulse	498 kVrms
Withstand Voltage - Lightning Impulse	928 kV
Withstand Voltage - Switching Impulse	829 kV

Conductor Related

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

Certifications And Compliance

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](#)
[Specifications - SVN192GA152CC](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)