

## SVN Arrester (152 kV MCOV)

By OHIO BRASS  
Catalog # [SVN192CA152AE](#)

IEEE Station Class Polymer Housed Surge Arrester



\*Representative Image

### 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             |
| Color                              | Gray                     |
| Material                           | Silicone Polymer Housing |
| Mounting Position                  | Upright                  |
| Type                               | Station                  |

### Dimensions

|  |                                  |
|--|----------------------------------|
| Bolt Circle Diameter   | 10.00 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 Ground | 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 | 479.0 kV  |
| Maximum Discharge Voltage                                    | <ul style="list-style-type: none"> <li>• 391 kV @ 1.5 kA</li> <li>• 406 kV @ 3 kA</li> <li>• 420 kV @ 5 kA</li> <li>• 441 kV @ 10 kA</li> <li>• 471 kV @ 20 kA</li> <li>• 518 kV @ 40 kA</li> </ul> |
| Maximum Switching Surge Protective Level @ 1000A             | 374.0 kV  |
| Maximum Switching Surge Protective Level @ 2000A             | 387.0 kV  |
| Maximum Switching Surge Protective Level @ 500A              | 363.0 kV  |
| Pressure Relief Capability-Symmetrical rms (kA)              | 65  |
| Withstand Voltage - 60 Hz Wet                                | 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 \(CA01082E\\_Catalog 30\\_0923\\_web\)](#)  
[Installation Manuals - Polymer Hollow Core Station Class Arrester Installation Instructions \(17-5155\)](#)  
[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 \(TD01135E\)](#)



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