

SVN Arrester (15.3 kV MCOV)

By OHIO BRASS
Catalog # [SVN018CA015AA](#)

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 Housing
Material	Silicone Polymer Housing
Mounting Position	Upright
Type	Station

Dimensions

Bolt Circle Diameter	10.00 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 Ground	51 mm
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	71 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	18 kV
Frequency Rating	48-62 Hz
MCOV	15.3 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	48.2 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> • 32.6 kV @ 1.5 kA • 33.9 kV @ 3 kA • 35.1 kV @ 5 kA • 36.8 kV @ 10 kA • 39.3 kV @ 20 kA • 43.3 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	37.7 kV
Maximum Switching Surge Protective Level @ 2000A	39.0 kV
Maximum Switching Surge Protective Level @ 500A	36.5 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
----------------	-----------------

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 \(TD01135E\)](#)



A proud member of the Hubbell Family.

©2024 Hubbell Incorporated. All rights reserved.
OB-SVN018CA015AA-SPEC-EN | REV 1/2024