

SVNH Arrester (115 kV MCOV)

By OHIO BRASS
Catalog # [SVNH144GA115AA](#)

IEEE Station Class Polymer Housed High Strength 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

Catalog Number	SVNH144GA115AA
Color	Gray Housing
Type	Station

Dimensions

Height	69 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to	804
Minimum Mounting Spacing on Center (Sea Level)- Phase to	926
Weight	379 lb

Electrical Ratings

Creep and Leakage Distance	184 in
Frequency Rating	48-62 Hz
MCOV	115 kV
Maximum .5 Microsecond Discharge Volts @ Classifying	428 kV

Current

Maximum Discharge Voltage	<ul style="list-style-type: none">• 296 kV @ 1.5 kA• 307 kV @ 3 kA• 318 kV @ 5 kA• 334 kV @ 10 kA• 356 kV @ 20 kA• 392 kV @ 40 kA
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Maximum Switching Surge Protective Level @ 500A 274 kV

Rating - KVA	144
Voltage - Line	169 V
Withstand Voltage - 60 Hz Wet	404
Withstand Voltage - Lightning	853
Impulse	
Withstand Voltage - Switching	673
Impulse	

Certifications And Compliance

Industry Standard(s)	IEEE
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Product Assets

- [Catalogs - Station Class Surge Arresters IEEE and IEC](#)
- [ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
- [Literature - SVNH Substation Arresters](#)
- [Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)
- [Literature - Polymer Station Arrester](#)
- [Sales Drawings - SVNH144GA115AA \(For Reference Only\)](#)
- [Specifications - SVNH144GA115AA](#)
- [Video - Hubbell Power Systems Metal Oxide Varistor](#)