

SVNX Arrester (470 kV MCOV)

By OHIO BRASS
Catalog # [SVNX588GA470AA](#)

IEEE Station Class Polymer Housed High Strength Surge Arrester



Features

- IEEE silicone station class arrester
- Energy Class K
- IEEE 693 High Performance Qualification
- snmx arresters are typically applied to system voltages higher than 500kV
- High quality MOV discs made in Wadsworth, Ohio since 1978
- Arresters assembled in Aiken, South Carolina
- 100% routine tested

General

Color	Gray Housing
Material	Polymer Housing
Type	Station

Dimensions

Bolt Circle Diameter	16.5 in
Diameter - Single Bolt Hole(s)	0.875 in
Height	274 in
Maximum Operating Altitude	12000 ft
Minimum Mounting Spacing on Center (Sea Level) - Phase to Ground	100.5 in
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	114 in

Electrical Ratings

Creep and Leakage Distance	737 in
Duty Cycle	588 kV
Frequency Rating	48-62 Hz
MCOV	470 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	1434.0 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 1135 kV @ 1.5 kA• 1175 kV @ 3 kA• 1211 kV @ 5 kA• 1270 kV @ 10 kA• 1346 kV @ 20 kA• 1441 kV @ 40 kA
Maximum Switching Surge Protective Level @ 2000A	1144 kV

Certifications and Compliance

Industry Standard(s)	IEEE
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Product Assets

[Installation Manuals - Polymer Hollow Core Station Class Arrester Installation Instructions \(17-5155\)](#)
[Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems \(TD01135E\)](#)
[Sales Drawings - SVNX588GA470AA \(For Reference Only\)](#)
[Video - Hubbell Power Systems Metal Oxide Varistor \(VI01022E0718\)](#)