

MH4 Arrester (30 kV Rated, 1116 mm Creep Distance, AA Hardware)

By OHIO BRASS  
Catalog # [MH4036GM030AA](#)

IEC Station High / Porcelain Housed Surge Arrester



Features

- IEC porcelain Station High 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

Substation

General

Catalog Number	MH4036GM030AA
Color	Gray Housing
Material	Porcelain Housing
Mounting Position	Upright
Type	Station

Dimensions

Bolt Circle Diameter	254 mm
Diameter - Single Bolt Hole(s)	14 mm
Height	805.6 mm
Minimum Mounting Spacing on Center (Sea Level) - Phase to	5.2 in (131 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	6.5 in (165 mm)

Electrical Ratings

Creep and Leakage Distance	43.9 in (1116 mm)
Duty Cycle	30 kV
Frequency Rating	48-62 Hz
MCOV	24 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"><li>• 62.5 kV @ 1.5 kA</li></ul>

- 65 kV @ 3 kA
- 67.5 kV @ 5 kA
- 70.5 kV @ 10 kA
- 75.5 kV @ 20 kA
- 83.5 kV @ 40 kA

Maximum Switching Surge Protective Level @ 1000A	60.5 kV
Maximum Switching Surge Protective Level @ 2000A	62.5 kV
Maximum Switching Surge Protective Level @ 500A	59 kV
Minimum Strike	445 mm
Pressure Relief Capability-Symmetrical rms (kA)	63
Voltage - Line	36 kV
Withstand Voltage - 60 Hz Wet	108 kV
Withstand Voltage - Lightning Impulse	276 kV
Withstand Voltage - Switching Impulse	220 kV

Conductor Related

Conductor Type	Cu/Al (AWG #4 - 500 MCM)
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Certifications And Compliance

Industry Standard(s)	IEC
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Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC](#)  
[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)  
[Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)  
[Specifications - MH4036GM030AA](#)  
[Video - Hubbell Power Systems Metal Oxide Varistor](#)