

MH4 Arrester (288 kV Rated, 7748 mm Creep Distance, AA Hardware)

By OHIO BRASS
Catalog # [MH4362GM288AA](#)

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	MH4362GM288AA
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	2759.2 mm
Minimum Mounting Spacing on Center (Sea Level) - Phase to	65.7 in (1669 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	74.9 in (1903 mm)

Electrical Ratings

Creep and Leakage Distance	305 in (7748 mm)
Duty Cycle	288 kV
Frequency Rating	48-62 Hz
MCOV	230.4 kV
Maximum Discharge Voltage	<ul style="list-style-type: none">• 593 kV @ 1.5 kA• 616 kV @ 3 kA• 637 kV @ 5 kA



- 669 kV @ 10 kA
- 716 kV @ 20 kA
- 789 kV @ 40 kA

Maximum Switching Surge Protective Level @ 1000A	572 kV
Maximum Switching Surge Protective Level @ 2000A	593 kV
Maximum Switching Surge Protective Level @ 500A	556 kV
Minimum Strike	2198 mm
Pressure Relief Capability-Symmetrical rms (kA)	63
Voltage - Line	362 kV
Withstand Voltage - 60 Hz Wet	690 kV
Withstand Voltage - Lightning	1206 kV
Impulse	
Withstand Voltage - Switching	1064 kV
Impulse	

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](#)
[Installation Manuals - Porcelain Hollow Core Station Class Arrester Installation Instructions](#)
[ISO Certificates - ISO 14001:2015 - Hubbell Power Systems Inc.](#)
[Literature - Application Guide: Metal-oxide Surge Arresters for use on AC systems](#)
[Sales Drawings - MH4362GM288AA \(for reference only\)](#)
[Specifications - MH4362GM288AA](#)
[Specifications - Specification for Hollow Core IEC Station Class Arresters](#)
[Video - Hubbell Power Systems Metal Oxide Varistor](#)