

HUBBELL Power Systems

MH4 Arrester (216 kV Rated, 5747 mm Creep Distance, AA Hardware)

By OHIO BRASS
Catalog # [MH4245GM216AA](#)

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

General

Application	Substation
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	2263.9 mm
Minimum Mounting Spacing on Center (Sea Level) - Phase to	49.3 in (1253 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	56.5 in (1434 mm)

Electrical Ratings

Creep and Leakage Distance	226.3 in (5747 mm)
Duty Cycle	216 kV
Frequency Rating	48-62 Hz
MCOV	172.8 kV
Maximum Discharge Voltage	449 kV @ 1.5 kA
	467 kV @ 3 kA
	483 kV @ 5 kA
	507 kV @ 10 kA
	543 kV @ 20 kA
	598 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	433 kV
Maximum Switching Surge Protective Level @ 2000A	449 kV
Maximum Switching Surge Protective Level @ 500A	421 kV
Minimum Strike	1708 mm
Pressure Relief Capability-Symmetrical rms (kA)	63
Voltage - Line	245 kV
Withstand Voltage - 60 Hz Wet	506 kV
Withstand Voltage - Lightning Impulse	950 kV
Withstand Voltage - Switching Impulse	870 kV

Conductor Related

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

Industry Standard(s)

IEC

Product Assets

[Catalogs - Station Class Surge Arresters IEEE and IEC](#)

[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](#)

[Sales Drawings - MH4245GM216AA \(for reference only\)](#)

[Video - Hubbell Power Systems Metal Oxide Varistor](#)



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