

HUBBELL

Power Systems

MH4 Arrester (192 kV Rated, 5080 mm Creep Distance, AA Hardware)

By OHIO BRASS
Catalog # [MH4245GM192AA](#)

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	2098.8 mm
Minimum Mounting Spacing on Center (Sea Level) - Phase to	43.7 in (1109 mm)
Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase	50 in (1271 mm)

Electrical Ratings

Creep and Leakage Distance	200 in (5080 mm)
Duty Cycle	192 kV
Frequency Rating	48-62 Hz
MCOV	153.6 kV
Maximum Discharge Voltage	400 kV @ 1.5 kA
	415 kV @ 3 kA
	430 kV @ 5 kA
	451 kV @ 10 kA
	483 kV @ 20 kA
	532 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	386 kV
Maximum Switching Surge Protective Level @ 2000A	400 kV
Maximum Switching Surge Protective Level @ 500A	375 kV
Minimum Strike	1536 mm
Pressure Relief Capability-Symmetrical rms (kA)	63
Voltage - Line	245 kV
Withstand Voltage - 60 Hz Wet	424 kV
Withstand Voltage - Lightning Impulse	882 kV
Withstand Voltage - Switching Impulse	804 kV

Conductor Related

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

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 - MH4245GM192AA \(for reference only\)](#)

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



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
OB-MH4245GM192AA-SPEC-EN | REV 6/2024