

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

By OHIO BRASS
Catalog # [MH4245BM192AA](#)

IEC Station High / Porcelain Housed Surge Arrester



*Representative Image

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

| | |
|-------------------|----------------------|
| Color | Brown Housing |
| Material | Porcelain Housing |
| Mounting Position | Upright |
| Type | Class 4/Station High |
| UPC | 096359687993 |

Dimensions

| | |
|--|-------------------|
| Bolt Circle Diameter | 254.00 mm |
| Diameter - Single Bolt Hole(s) | 14 mm |
| Height | 2098.8 mm |
| Minimum Mounting Spacing on Center (Sea Level) - Phase to Ground | 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 | <ul style="list-style-type: none"> • 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 | 375.0 kV |
| Minimum Strike | 1536.0 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 \(CA01082E_Catalog 30_0923_web\)](#)
[Installation Manuals - Porcelain Hollow Core Station Class Arrester Installation Instructions \(17-5092\)](#)
[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 \(TD01135E\)](#)
[Sales Drawings - MH4245BM192AA \(for reference only\)](#)



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