

HUBBELL Power Systems

MH4 Arrester (264 kV Rated, 7081 mm Creep Distance, AA Hardware)

By OHIO BRASS
Catalog # [MH4300BM264AA](#)

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 | Brown Housing |
| Material | Porcelain Housing |
| Mounting Position | Upright |
| Type | Station |

Dimensions

| | |
|--|-------------------|
| Bolt Circle Diameter | 254 mm |
| Diameter - Single Bolt Hole(s) | 14 mm |
| Height | 2594.1 mm |
| Minimum Mounting Spacing on Center (Sea Level) - Phase to | 60.4 in (1534 mm) |
| Minimum Mounting Spacing on Center (Sea Level)- Phase to Phase | 68.9 in (1751 mm) |

Electrical Ratings

| | |
|--|--------------------|
| Creep and Leakage Distance | 278.8 in (7081 mm) |
| Duty Cycle | 264 kV |
| Frequency Rating | 48-62 Hz |
| MCOV | 211.2 kV |
| Maximum Discharge Voltage | 546 kV @ 1.5 kA |
| | 567 kV @ 3 kA |
| | 587 kV @ 5 kA |
| | 616 kV @ 10 kA |
| | 660 kV @ 20 kA |
| | 726 kV @ 40 kA |
| Maximum Switching Surge Protective Level @ 1000A | 527 kV |
| Maximum Switching Surge Protective Level @ 2000A | 546 kV |
| Maximum Switching Surge Protective Level @ 500A | 512 kV |
| Minimum Strike | 2039 mm |
| Pressure Relief Capability-Symmetrical rms (kA) | 63 |
| Voltage - Line | 300 kV |
| Withstand Voltage - 60 Hz Wet | 639 kV |
| Withstand Voltage - Lightning Impulse | 1112 kV |
| Withstand Voltage - Switching Impulse | 1000 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 - MH4300BM264AA \(for reference only\)](#)

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



A Hubbell brand

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