MH4 Arrester (48 kV Rated, 1905 mm Creep Distance, AA Hardware)

By OHIO BRASS Catalog # MH4052BH048AA

IEC Station High / Porcelain Housed Surge Arrester



*Representative Image

Electrical Ratings

Creep and Leakage Distance Duty Cycle Frequency Rating MCOV Maximum Discharge Voltage	75 in (1905 mm) 48 kV 48-62 Hz 38.4 kV • 101 kV @ 1.5 kA • 104 kV @ 3 kA • 108 kV @ 5 kA • 113 kV @ 10 kA • 121 kV @ 20 kA • 134 kV @ 40 kA
Maximum Switching Surge Protective Level @ 1000A	97 kV
Maximum Switching Surge Protective Level @ 2000A	101 kV
Maximum Switching Surge Protective Level @ 500A	94.0 kV
Minimum Strike	616.0 mm
Pressure Relief Capability- Symmetrical rms (kA)	63
Voltage - Line	52 kV
Withstand Voltage - 60 Hz Wet	159 kV
Withstand Voltage - Lightning Impulse	360 kV
Withstand Voltage - Switching Impulse	300 kV

Conductor Related

Conductor Type

Cu/AI (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) Video - Hubbell Power Systems Metal Oxide Varistor

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

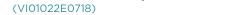
Color Material Mounting Position Type Gray Porcelain Housing Upright Station

Dimensions

Bolt Circle Diameter254.00Diameter - Single Bolt Hole(s)14 mmHeight968.5 mMinimum Mounting Spacing
on Center (Sea Level) - Phase
to Ground9.4 in (
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254.00 mm 14 mm 968.5 mm 9.4 in (240 mm)

11.4 in (289 mm)





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