MF1S Modular Floor Standing IP-MFS18612080-KIT

STEEL | DOUBLE DOOR | IP55 IK10

1860H x 1200W x 800D

The IP Enclosures MF1S range of powder-coated galvanised steel Modular Floor Standing Electrical Cabinets for low voltage switchgear and controlgear assemblies are suitable for general industrial applications.

Protection: IP55 IK10

Standards (& Conformities): IEC/EN 60529, IEC/EN 62208,

IEC/EN 61439, RoHS CE UK

Material:

- Main Frame: 2.0mm Galvanised Steel W Profile System
- Side, Rear, & Roof Panels: 1.2mm Powder-Coated Galvanised Steel Sheet
- Front Doors: 2.0mm Powder-Coated Galvanised Steel Sheet
- Mounting Plates: 2.0mm Galvanised Steel Sheet
- Seal: EPDM

Enclosure Main Frame: The robust modular main structure is fabricated using 2.0mm galvanised steel sheet W Profile system with 20mm hole pattern.

Enclosure Doors: The robust doors are fabricated using 2.0mm powder coated galvanised steel sheet and incorporates four concealed hinges. The doors are designed for a 135° opening. Each door contains earth studs and an A4 document pocket.

Enclosure Side, Rear and Roof Panels: Removable panels are fabricated using 1.2mm powder coated galvanised steel sheet.

Enclosure Base: 100mm high base.

Door Seal: High quality EPDM replaceable door seal.

Enclosure Lock: 4 point locking system with key-lock swing handle.

Device Mounting Plate: The device mounting plate is fabricated using 2.0mm mm galvanised steel sheet, pressed to provide additional strength.

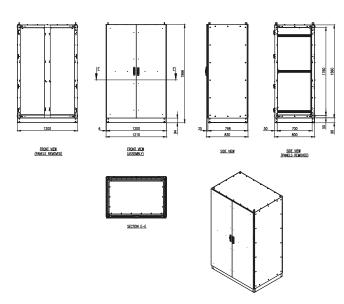
Earthing: All panels are earthed to provide earthing continuity.

Surface Treatment: UL approved AkzoNobel epoxy polyester powder coated with a textured finish. 80-120 micron average thickness.

- Standard Colour: RAL7035 (Other colours available upon request)
- Colour of Base: RAL9005 (Other colours available upon request)

Mass: 218.0Kg.







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ACCESSORIES:

Part Number	Description
IP-MFS19R186	19" Data Rack Rail Kit to suit 1860H Electrical Cabinet
IP-CPP1860	1860mm High Cover Brackets (To suit 1860mmH Cabinet)
IP-MFSBAYFP1860	Baying Filler Plate to suit 1860H Mounting Plates
IP-MFSBAYKIT	Baying Kit to suit Electrical Cabinets

CERTIFICATES:

IEC 60529 Degrees of protection provided by enclosures: Certificate AB-0386-T 1902.14 01/00 IEC/EN 62208 Empty Enclosures for low-voltage switchgear and controlgear assemblies: Certificate 0366932-TSE-01/01 IEC/EN61439-1, 61439-2 low voltage switchgear and controlgear assemblies: Certificate 0406176-TSE-02/01 CE Certificate of Compliance: Certificate SZT-24 MA 33485-1 UKCA Certificate of Compliance: Certificate SZU-22 MA 19560-1

IEC/EN 61439 Certified Test Ratings:

Rated Voltage: 400 V AC Rated Insulation Voltage: 690 V Rated Impulse Withstand Voltage: 8 kV

Rated Current: 630A - 1600A - 4000A

Main Circuit Short-Time Current Withstand: 30kA/1sec - 40kA/1sec - 60kA/1sec
Distribution Circuit Short-Time Current Withstand: 25kA/1sec - 36kA/1sec - 36kA/1sec
Auxilliary Circuit Short-Time Current Withstand: -- 30kA - 40kA/1sec - 36kA/1sec
Neutral Circuit Short-Time Current Withstand: -- 25kA/1sec - 36kA/1sec

Protection Circuit Short-Time Current Withstand: 18kA/1sec – 25kA/1sec – 36kA/1sec

Rated Conditional Short Circuit Current: 36kA/630A, 30kA/400A – 45kA/1600A, 36kA/1250A, 36kA/1000A –

65kA/4000A, 55kA/3200A, 45kA/2500A, 40kA/2000A

Rated Frequency: 50H

Products are manufactured to Quality, Safety and Environmental Standards.

WARRANTY: 5 years.

