

MF1S Modular Floor Standing IP-MFS16210040-KIT

STEEL | SINGLE DOOR | IP55 IK10

1620H x 1000W x 400D

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



Material:

- Main Frame: 2.0mm Galvanised Steel W Profile System
- Side, Rear, & Roof Panels: 1.2mm Powder-Coated Galvanised Steel Sheet
- Front Door: 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 Door: The robust door is fabricated using 2.0mm powder coated galvanised steel sheet and incorporates four concealed hinges. The door is 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.

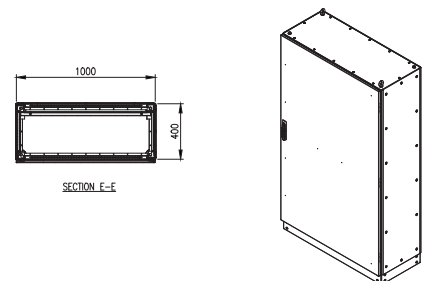
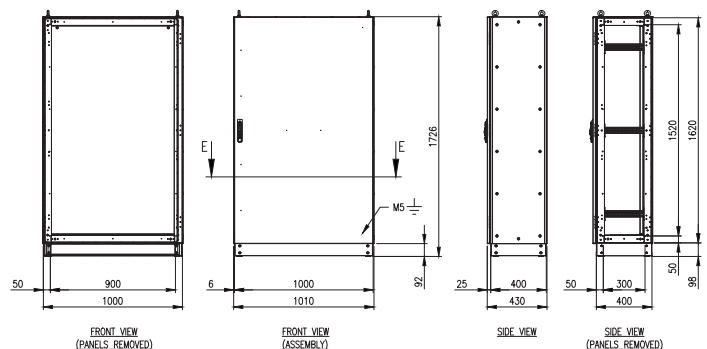
Device Mounting Plate: The device mounting plate is fabricated using 2.0mm mm galvanised steel sheet, pressed to provide additional strength.

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: 135.0Kg.



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ACCESSORIES:

Part Number	Description
IP-MFS19R162	19" Data Rack Rail Kit to suit 1620H Electrical Cabinet
IP-SHL10010040	Shelf Kit for Electrical Enclosure 1000H x 1000W x 400D
IP-CPP1620	1620mm High Cover Brackets (To suit 1620mmH Cabinet)
IP-DS400-KIT	400mm Depth Slide Kit
IP-MFSBAYFP1620	Baying Filler Plate to suit 1620H 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 SZT-25 MA 38734-1

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 – 50kA/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: 50Hz

Products are manufactured to Quality, Safety and Environmental Standards.

WARRANTY: 5 years.