

MF1SS Modular Floor Standing

IP-MFSS1866040

STAINLESS STEEL | SINGLE DOOR | IP55 IK10

1860H x 600W x 400D

The IP Enclosures MF1SS range of grade 316L stainless 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 Grade 316L stainless steel W Profile System
- Side, Rear, & Roof Panels: 1.2mm Grade 316L stainless steel
- Front Door: 2.0mm Grade 316L stainless steel
- Mounting Plates: 2.0mm Galvanised steel sheet
- Seal: EPDM

Enclosure Main Frame: The robust modular main structure is fabricated using 2.0mm Grade 316L stainless steel W Profile system with 20mm hole pattern according to DIN43660.

Enclosure Door: The robust door is fabricated using 2.0mm Grade 316L stainless steel and incorporates four concealed reversible hinges allowing left or right hand opening. The door is designed for a 135° opening. Each door contains an M6 earth stud and provision for a document pocket.

Enclosure Side, Rear and Roof Panels: Removable panels are fabricated using 1.2mm Grade 316L stainless steel.

Enclosure Base: 100mm high base.

Door Seal: High quality EPDM replaceable door seal.

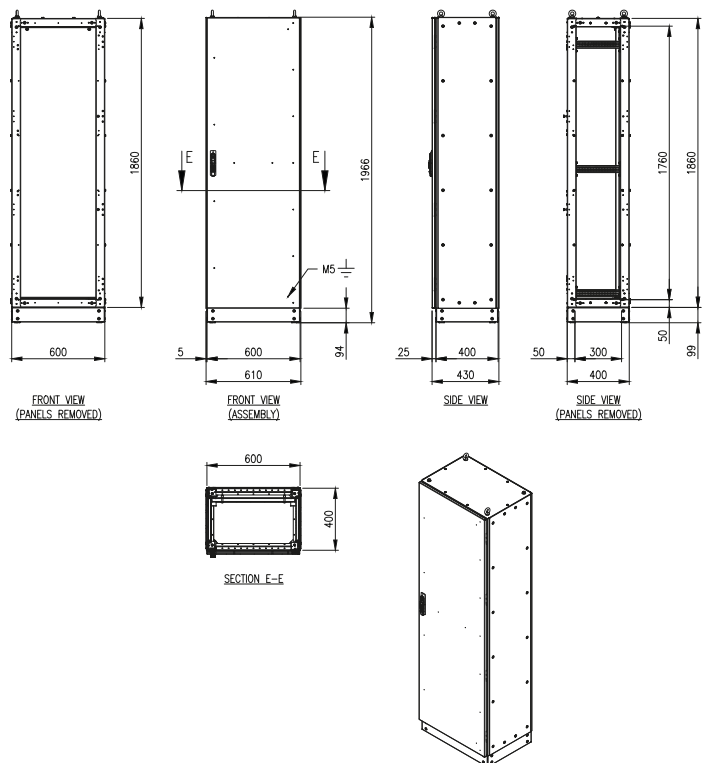
Enclosure Lock: 4 point locking system with key-lock swing handle.

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: 0.4 micron Ra surface brushed finish.

Mass: 116.0Kg.



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ACCESSORIES:

Part Number	Description
IP-MFSSID18660	316 Stainless Steel Inner Door (To suit Electrical Cabinet 1860mmH x 600mmW)
IP-MFS19R186	19" Data Rack Rail Kit to suit 1860H Electrical Cabinet
IP-CPP1860	1860mm High Cover Brackets (To suit 1860mmH Cabinet)
IP-CP1660; IP-CP2460; IP-CP3260; IP-CP4060; IP-CP4860; IP-CP5660; IP-CP6460	160mm High Cover Plate; 240mm High Cover Plate; 320mm High Cover Plate; 400mm High Cover Plate; 480mm High Cover Plate; 560mm High Cover Plate; 640mm High Cover Plate (To suit 600mm Wide Cabinet)
IP-CPMCB1660	160mm High Cover Plate with MCB Cutouts (To suit 600mm Wide Cabinet)
IP-MP160600; IP-MP240600; IP-MP320600; IP-MP400600; IP-MP560600; IP-MP640600; IP-MP720600	160mm High Partial Mounting Plate; 240mm High Partial Mounting Plate; 320mm High Partial Mounting Plate; 400mm High Partial Mounting Plate; 560mm High Partial Mounting Plate; 640mm High Partial Mounting Plate; 720mm High Partial Mounting Plate (To suit 600mm Wide Cabinet)
IP-MPB400-KIT; IP-MPB600-KIT	400mm High Partial Mounting Plate Bracket Kit; 600mm High Partial Mounting Plate Bracket Kit (Note that several Mounting Plates can be attached to 1xBracket Kit providing the total height of Mounting Plate does not exceed height of Bracket Kit.)
IP-DS400-KIT	400mm Depth Slide Kit
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 – 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.