

# Floor Standing Electrical Cabinets

## Stainless Steel Grade 316/316L

# MF1SS

**SINGLE DOOR | IP55**



IP Enclosures MF1SS range of grade 316 stainless steel floor standing electrical cabinets for low voltage switchgear and controlgear assemblies are suitable for general industrial applications. All IP Enclosures are built to precision to ensure high quality standards.

# MF1SS

**IP Enclosures MF1SS range of grade 316 stainless steel floor standing electrical cabinets for low voltage switchgear and control gear assemblies are suitable for general industrial applications.**

**Protection:** IP55

(Independent accredited test laboratory)

**Standard:** IEC62208, AS/EN/IEC60529, RoHS    
(IEC61439 Compliant)

**Material:**

- Main Frame: 2.0mm Grade 316/316L Stainless Steel W Profile System
- Covers: 1.2mm Grade 316/316L Stainless Steel
- Front Door: 2.0mm Grade 316/316L Stainless Steel
- Mounting Plates: 1.5mm - 2.0mm Galvanised Steel Sheet
- Seal: EPDM

**Surface Finish:** 0.4 micron Ra surface brushed finish

**Main Frame:** The robust modular main structure is fabricated using 2.0mm grade 316 stainless steel W Profile system with 20mm hole pattern.

**Door:** The robust door is fabricated using 2.0mm grade 316 stainless steel and incorporates four concealed hinges. The door is designed for a 135° opening. Each door contains earth studs and an A4 document pocket.

**Side, Rear and Roof Panels:** Removable panels are fabricated using 1.2mm grade 316 stainless steel.

**Base:** 100mm high base

**Door Seal:** High quality EPDM replaceable door seal.

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

**Device Mounting Plate:** The device mounting plate is fabricated using 1.5-2.0mm mm galvanised steel sheet, pressed to provide additional strength.

**Earthing:** All panels are earthed to provide earthing continuity.

**Accessories and Baying Kits:** A full range of accessories are available including baying kits. Contact us for more information.

IP-MFSBAYKIT - Baying Kit to suit Freestanding Cabinets



Part Number	Cabinet Size			Supplied with KIT				Accessories		
	KIT	H	W	D	Enclosure	Side Panel	Device Plate	Base	Inner Door	
IP-MFSS1624040-KIT	1620	x	400	x	400	IP-MFSS1624040	IP-MFSSP16240	IP-MFSSM16240	IP-MFSSB4040	IP-MFSSID16240
IP-MFSS1624060-KIT	1620	x	400	x	600	IP-MFSS1624060	IP-MFSSP16260	IP-MFSSM16240	IP-MFSSB4060	IP-MFSSID16240
IP-MFSS1624080-KIT	1620	x	400	x	800	IP-MFSS1624080	IP-MFSSP16280	IP-MFSSM16240	IP-MFSSB4080	IP-MFSSID16240
IP-MFSS1624040-KIT	1620	x	600	x	400	IP-MFSS1624040	IP-MFSSP16040	IP-MFSSM16040	IP-MFSSB6040	IP-MFSSID16260
IP-MFSS1626060-KIT	1620	x	600	x	600	IP-MFSS1626060	IP-MFSSP16260	IP-MFSSM16260	IP-MFSSB6060	IP-MFSSID16260
IP-MFSS1626080-KIT	1620	x	600	x	800	IP-MFSS1626080	IP-MFSSP16280	IP-MFSSM16260	IP-MFSSB6080	IP-MFSSID16260
IP-MFSS1628040-KIT	1620	x	800	x	400	IP-MFSS1628040	IP-MFSSP16240	IP-MFSSM16280	IP-MFSSB8040	IP-MFSSID16280
IP-MFSS1628060-KIT	1620	x	800	x	600	IP-MFSS1628060	IP-MFSSP16260	IP-MFSSM16280	IP-MFSSB8060	IP-MFSSID16280
IP-MFSS1628080-KIT	1620	x	800	x	800	IP-MFSS1628080	IP-MFSSP16280	IP-MFSSM16280	IP-MFSSB8080	IP-MFSSID16280
IP-MFSS16210060-KIT	1620	x	1000	x	600	IP-MFSS16210060	IP-MFSSP16260	IP-MFSSM162100	IP-MFSSB10060	-
IP-MFSS16210080-KIT	1620	x	1000	x	800	IP-MFSS16210080	IP-MFSSP16280	IP-MFSSM162100	IP-MFSSB10080	-
IP-MFSS16212060-KIT	1620	x	1200	x	600	IP-MFSS16212060	IP-MFSSP16260	IP-MFSSM162120	IP-MFSSB12060	-
IP-MFSS16212080-KIT	1620	x	1200	x	800	IP-MFSS16212080	IP-MFSSP16280	IP-MFSSM162120	IP-MFSSB12080	-
IP-MFSS1864040-KIT	1860	x	400	x	400	IP-MFSS1864040	IP-MFSSP18640	IP-MFSSM18640	IP-MFSSB4040	IP-MFSSID18640
IP-MFSS1864060-KIT	1860	x	400	x	600	IP-MFSS1864060	IP-MFSSP18660	IP-MFSSM18640	IP-MFSSB4060	IP-MFSSID18640
IP-MFSS1864080-KIT	1860	x	400	x	800	IP-MFSS1864080	IP-MFSSP18680	IP-MFSSM18640	IP-MFSSB4080	IP-MFSSID18640
IP-MFSS1866040-KIT	1860	x	600	x	400	IP-MFSS1866040	IP-MFSSP18640	IP-MFSSM18660	IP-MFSSB6040	IP-MFSSID18660
IP-MFSS1866060-KIT	1860	x	600	x	600	IP-MFSS1866060	IP-MFSSP18660	IP-MFSSM18660	IP-MFSSB6060	IP-MFSSID18660
IP-MFSS1866080-KIT	1860	x	600	x	800	IP-MFSS1866080	IP-MFSSP18680	IP-MFSSM18660	IP-MFSSB6080	IP-MFSSID18660
IP-MFSS1868040-KIT	1860	x	800	x	400	IP-MFSS1868040	IP-MFSSP18640	IP-MFSSM18680	IP-MFSSB8040	IP-MFSSID18680
IP-MFSS1868060-KIT	1860	x	800	x	600	IP-MFSS1868060	IP-MFSSP18660	IP-MFSSM18680	IP-MFSSB8060	IP-MFSSID18680
IP-MFSS1868080-KIT	1860	x	800	x	800	IP-MFSS1868080	IP-MFSSP18680	IP-MFSSM18680	IP-MFSSB8080	IP-MFSSID18680
IP-MFSS18610060-KIT	1860	x	1000	x	600	IP-MFSS18610060	IP-MFSSP18660	IP-MFSSM186100	IP-MFSSB10060	IP-MFSSID186100
IP-MFSS18610080-KIT	1860	x	1000	x	800	IP-MFSS18610080	IP-MFSSP18680	IP-MFSSM186100	IP-MFSSB10080	IP-MFSSID186100
IP-MFSS18612060-KIT	1860	x	1200	x	600	IP-MFSS18612060	IP-MFSSP18660	IP-MFSSM186120	IP-MFSSB12060	-
IP-MFSS18612080-KIT	1860	x	1200	x	800	IP-MFSS18612080	IP-MFSSP18680	IP-MFSSM186120	IP-MFSSB12080	-
IP-MFSS2024040-KIT	2020	x	400	x	400	IP-MFSS2024040	IP-MFSSP20240	IP-MFSSM20240	IP-MFSSB4040	IP-MFSSID20240
IP-MFSS2024060-KIT	2020	x	400	x	600	IP-MFSS2024060	IP-MFSSP20260	IP-MFSSM20240	IP-MFSSB4060	IP-MFSSID20240
IP-MFSS2024080-KIT	2020	x	400	x	800	IP-MFSS2024080	IP-MFSSP20280	IP-MFSSM20240	IP-MFSSB4080	IP-MFSSID20240
IP-MFSS2026040-KIT	2020	x	600	x	400	IP-MFSS2026040	IP-MFSSP20240	IP-MFSSM20260	IP-MFSSB6040	IP-MFSSID20260
IP-MFSS2026060-KIT	2020	x	600	x	600	IP-MFSS2026060	IP-MFSSP20260	IP-MFSSM20260	IP-MFSSB6060	IP-MFSSID20260
IP-MFSS2026080-KIT	2020	x	600	x	800	IP-MFSS2026080	IP-MFSSP20280	IP-MFSSM20260	IP-MFSSB6080	IP-MFSSID20260
IP-MFSS2028040-KIT	2020	x	800	x	400	IP-MFSS2028040	IP-MFSSP20240	IP-MFSSM20280	IP-MFSSB8040	IP-MFSSID20280
IP-MFSS2028060-KIT	2020	x	800	x	600	IP-MFSS2028060	IP-MFSSP20260	IP-MFSSM20280	IP-MFSSB8060	IP-MFSSID20280
IP-MFSS2028080-KIT	2020	x	800	x	800	IP-MFSS2028080	IP-MFSSP20280	IP-MFSSM20280	IP-MFSSB8080	IP-MFSSID20280
IP-MFSS20210060-KIT	2020	x	1000	x	600	IP-MFSS20210060	IP-MFSSP20260	IP-MFSSM202100	IP-MFSSB10060	IP-MFSSID202100
IP-MFSS20210080-KIT	2020	x	1000	x	800	IP-MFSS20210080	IP-MFSSP20280	IP-MFSSM202100	IP-MFSSB10080	IP-MFSSID202100
IP-MFSS20212060-KIT	2020	x	1200*	x	600	IP-MFSS20212060	IP-MFSSP20260	IP-MFSSM202120	IP-MFSSB12060	-
IP-MFSS20212080-KIT	2020	x	1200*	x	800	IP-MFSS20212080	IP-MFSSP20280	IP-MFSSM202120	IP-MFSSB12080	-

\*1200 Wide Cabinets = Double Door

## Inner Door Escutcheons | Floor Standing



Inner door escutcheons are designed to be easily fitted into new or existing IP Enclosures floor standing electrical cabinets.

Inner door escutcheons are an optional feature that can be easily fitted into IP Enclosures floor standing electrical cabinets. Inner door kits are provided with the inner door, two vertical rails and fasteners for easy assembly.

Inner doors enable operators to access control equipment inside an electrical cabinet while maintaining separation of hazardous voltage equipment within the hazardous voltage area behind the inner door. Hinged escutcheon plates accommodate control components such as circuit breaker handles, pushbuttons, indicator lights and HMI's.

## STEEL RANGE

**Material:** 1.5mm Galvanised steel sheet

**Lock:** Chrome 5mm double bit insert quarter turn locks

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

**Standard colour:** RAL7035.

## STAINLESS STEEL RANGE

**Material:** 1.5mm Grade 316/316L stainless steel

**Locks:** 316ss 8mm square drive quarter turn locks.



## STEEL



Size		Accessories	Option
H	W	Inner Door	Colour
1620	x 400	IP-MFSID16240	-OR
1620	x 600	IP-MFSID16260	-OR
1620	x 800	IP-MFSID16280	-OR
1860	x 400	IP-MFSID18640	-OR
1860	x 600	IP-MFSID18660	-OR
1860	x 800	IP-MFSID18680	-OR
1860	x 1000	IP-MFSID186100	-OR
2020	x 400	IP-MFSID20240	-OR
2020	x 600	IP-MFSID20260	-OR
2020	x 800	IP-MFSID20280	-OR
2020	x 1000	IP-MFSID202100	-OR

## STAINLESS STEEL

Size		Accessories
H	W	Inner Door
1620	x 400	IP-MFSSID16240
1620	x 600	IP-MFSSID16260
1620	x 800	IP-MFSSID16280
1860	x 400	IP-MFSSID18640
1860	x 600	IP-MFSSID18660
1860	x 800	IP-MFSSID18680
1860	x 1000	IP-MFSSID186100
2020	x 400	IP-MFSSID20240
2020	x 600	IP-MFSSID20260
2020	x 800	IP-MFSSID20280
2020	x 1000	IP-MFSSID202100



## Accessories

**WINDOOR™**

### Transparent Door | Floor Standing




Transparent Doors can be easily fitted to our range of floor standing electrical cabinets. Simply remove the standard door and replace with a transparent door.

IP Enclosures provide a range of transparent glazed Windoors™ that can be easily fitted to our range of electrical cabinets. Transparent doors are provided as a standard accessory. Simply remove the existing door and replace with a transparent door.

## Features and Specifications

**Protection:** Complies with IP66

**Standard:** IEC/EN/AS60529, RoHS 

### STEEL RANGE

- Enclosure Door: 1.5mm galvanised steel sheet
- Enclosure Seal: Polyurethane
- Windows: 4mm transparent tempered glass

**Door:** Fabricated from 1.5mm galvanised steel sheet incorporating concealed removable hinges with captive pins. Provided with recessed windows manufactured from 4mm transparent tempered glass with seal. Powder coated 80-120 micron.

**Seal:** High quality EPDM replaceable door seal.

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

### STAINLESS STEEL RANGE

- Enclosure Door: 1.5mm Grade 316/316L Stainless Steel
- Enclosure Seal: Polyurethane
- Windows: 4mm transparent tempered glass

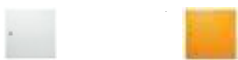
**Door:** Fabricated from 1.5mm Grade 316/316L Stainless Steel incorporating concealed removable hinges with captive pins. Provided with recessed windows manufactured from 4mm transparent tempered glass with seal.

**Seal:** High quality EPDM replaceable door seal.

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



### STEEL



Size		Accessories	Option
H	W	Transparent Door	Colour
1620 x 400		IP-MFS16240WINDOOR	-OR
1620 x 600		IP-MFS16260WINDOOR	-OR
1620 x 800		IP-MFS16280WINDOOR	-OR
1860 x 400		IP-MFS18640WINDOOR	-OR
1860 x 600		IP-MFS18660WINDOOR	-OR
1860 x 800		IP-MFS18680WINDOOR	-OR
1860 x 1000		IP-MFS186100WINDOOR	-OR
1860 x 1200		IP-MFS186120WINDOOR	-OR
2020 x 400		IP-MFS20240WINDOOR	-OR
2020 x 600		IP-MFS20260WINDOOR	-OR
2020 x 800		IP-MFS20280WINDOOR	-OR
2020 x 1000		IP-MFS202100WINDOOR	-OR
2020 x 1200		IP-MFS202120WINDOOR	-OR

### STAINLESS STEEL

Size		Accessories
H	W	Transparent Door
1620 x 400		IP-MFSS16240WINDOOR
1620 x 600		IP-MFSS16260WINDOOR
1620 x 800		IP-MFSS16280WINDOOR
1860 x 400		IP-MFSS18640WINDOOR
1860 x 600		IP-MFSS18660WINDOOR
1860 x 800		IP-MFSS18680WINDOOR
1860 x 1000		IP-MFSS186100WINDOOR
1860 x 1200		IP-MFSS186120WINDOOR
2020 x 400		IP-MFSS20240WINDOOR
2020 x 600		IP-MFSS20260WINDOOR
2020 x 800		IP-MFSS20280WINDOOR
2020 x 1000		IP-MFSS202100WINDOOR
2020 x 1200		IP-MFSS202120WINDOOR



## Accessories

### Shelf Kits | Floor Standing

SHL



IP Enclosures provide a range of fixed and sliding adjustable shelves for floor standing electrical cabinets.



**IP Enclosures provide a range of fixed and sliding adjustable component shelf kits for floor standing electrical cabinets.**

## FIXED COMPONENT SHELF (Height Adjustable)

Fixed shelf systems have many uses and can be used for component storage, separation and battery storage. Fixed shelves are pressed to provide strength. They are provided with fasteners and can be fitted without drilling. Multiple shelves can be fitted into each cabinet and shelves can be fully adjusted to the correct positions.

**Material:** 1.2 to 1.5 mm galvanised steel sheet

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

**Standard colour:** RAL7035. A full range of other colour options are available upon request.



Part Number	Description	Shelf Rating
SKU	Width x Depth (mm)	Kg
IP-SHL6060	600W x 600D Shelf System	50
IP-SHL6080	600W x 800D Shelf System	50
IP-SHL8060	800W x 600D Shelf System	50
IP-SHL8080	800W x 800D Shelf System	50
IP-SHL10060	1000W x 600D Shelf System	50
IP-SHL10080	1000W x 800D Shelf System	50



## SLIDING SHELF / LAPTOP DRAWER

Sliding shelf (laptop drawer) kits are provided assembled complete with 4 screws for fast and easy installation into floor standing electrical cabinets without drilling.

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

**Standard colour:** RAL7035. A full range of other colour options are available upon request.

Part Number	Description	Shelf Rating
SKU	Width (mm)	Kg
IP-MFS600LECTERN	600W Sliding Shelf	25
IP-MFS800LECTERN	800W Sliding Shelf	25

