

# Floor Standing Electrical Cabinets

## Steel | Powder Coated

# MF1S

**SINGLE DOOR | IP55 IK10**



IP Enclosures MF1S range of powder coated galvanised 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.

# MF1S

**IP Enclosures MF1S range of powder coated galvanised steel floor standing electrical cabinets for low voltage switchgear and controlgear assemblies are suitable for general industrial applications.**

**Protection:** IP55 IK10  
(Independent accredited test laboratory)

**Standard:** IEC/EN62208, IEC/EN61439-1,2, AS/EN/IEC60529



**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: 1.5mm - 2.0mm Galvanised Steel Sheet
- Seal: EPDM

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

**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.

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

**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.

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

- **Standard Colour:** RAL7035

- **Colour of Base:** RAL9005

*(Other colours available upon request).*

**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	
	H	x	W	x	D	Enclosure	Side Panel	Device Plate	Base	Inner Door
IP-MFS1626040-KIT	1620	x	600	x	400	IP-MFS1626040	IP-MFSP16040	IP-MFSM16040	IP-MFSB6040	IP-MFSID16260
IP-MFS1626060-KIT	1620	x	600	x	600	IP-MFS1626060	IP-MFSP16260	IP-MFSM16260	IP-MFSB6060	IP-MFSID16260
IP-MFS1626080-KIT	1620	x	600	x	800	IP-MFS1626080	IP-MFSP16280	IP-MFSM16260	IP-MFSB6080	IP-MFSID16260
IP-MFS1628040-KIT	1620	x	800	x	400	IP-MFS1628040	IP-MFSP16240	IP-MFSM16280	IP-MFSB8040	IP-MFSID16280
IP-MFS1628060-KIT	1620	x	800	x	600	IP-MFS1628060	IP-MFSP16260	IP-MFSM16280	IP-MFSB8060	IP-MFSID16280
IP-MFS1628080-KIT	1620	x	800	x	800	IP-MFS1628080	IP-MFSP16280	IP-MFSM16280	IP-MFSB8080	IP-MFSID16280
IP-MFS16210060-KIT	1620	x	1000	x	600	IP-MFS16210060	IP-MFSP16260	IP-MFSM162100	IP-MFSB10060	-
IP-MFS16210080-KIT	1620	x	1000	x	800	IP-MFS16210080	IP-MFSP16280	IP-MFSM162100	IP-MFSB10080	-
IP-MFS16212060-KIT	1620	x	1200	x	600	IP-MFS16212060	IP-MFSP16260	IP-MFSM162120	IP-MFSB12060	-
IP-MFS16212080-KIT	1620	x	1200	x	800	IP-MFS16212080	IP-MFSP16280	-	IP-MFSB12080	-
IP-MFS1866040-KIT	1860	x	600	x	400	IP-MFS1866040	IP-MFSP18640	IP-MFSM18660	IP-MFSB6040	IP-MFSID18660
IP-MFS1866060-KIT	1860	x	600	x	600	IP-MFS1866060	IP-MFSP18660	IP-MFSM18660	IP-MFSB6060	IP-MFSID18660
IP-MFS1866080-KIT	1860	x	600	x	800	IP-MFS1866080	IP-MFSP18680	IP-MFSM18660	IP-MFSB6080	IP-MFSID18660
IP-MFS1868040-KIT	1860	x	800	x	400	IP-MFS1868040	IP-MFSP18640	IP-MFSM18680	IP-MFSB8040	IP-MFSID18680
IP-MFS1868060-KIT	1860	x	800	x	600	IP-MFS1868060	IP-MFSP18660	IP-MFSM18680	IP-MFSB8060	IP-MFSID18680
IP-MFS1868080-KIT	1860	x	800	x	800	IP-MFS1868080	IP-MFSP18680	IP-MFSM18680	IP-MFSB8080	IP-MFSID18680
IP-MFS18610060-KIT	1860	x	1000	x	600	IP-MFS18610060	IP-MFSP18660	IP-MFSM186100	IP-MFSB10060	IP-MFSID186100
IP-MFS18610080-KIT	1860	x	1000	x	800	IP-MFS18610080	IP-MFSP18680	IP-MFSM186100	IP-MFSB10080	IP-MFSID186100
IP-MFS18612060-KIT	1860	x	1200	x	600	IP-MFS18612060	IP-MFSP18660	IP-MFSM186120	IP-MFSB12060	IP-MFSID186120
IP-MFS18612080-KIT	1860	x	1200	x	800	IP-MFS18612080	IP-MFSP18680	IP-MFSM186120	IP-MFSB12080	IP-MFSID186120
IP-MFS2026040-KIT	2020	x	600	x	400	IP-MFS2026040	IP-MFSP20240	IP-MFSM20260	IP-MFSB6040	IP-MFSID20260
IP-MFS2026060-KIT	2020	x	600	x	600	IP-MFS2026060	IP-MFSP20260	IP-MFSM20260	IP-MFSB6060	IP-MFSID20260
IP-MFS2026080-KIT	2020	x	600	x	800	IP-MFS2026080	IP-MFSP20280	IP-MFSM20260	IP-MFSB6080	IP-MFSID20260
IP-MFS2028040-KIT	2020	x	800	x	400	IP-MFS2028040	IP-MFSP20240	IP-MFSM20280	IP-MFSB8040	IP-MFSID20280
IP-MFS2028060-KIT	2020	x	800	x	600	IP-MFS2028060	IP-MFSP20260	IP-MFSM20280	IP-MFSB8060	IP-MFSID20280
IP-MFS2028080-KIT	2020	x	800	x	800	IP-MFS2028080	IP-MFSP20280	IP-MFSM20280	IP-MFSB8080	IP-MFSID20280
IP-MFS20210060-KIT	2020	x	1000	x	600	IP-MFS20210060	IP-MFSP20260	IP-MFSM202100	IP-MFSB10060	IP-MFSID202100
IP-MFS20210080-KIT	2020	x	1000	x	800	IP-MFS20210080	IP-MFSP20280	IP-MFSM202100	IP-MFSB10080	IP-MFSID202100
IP-MFS20212060-KIT	2020	x	1200	x	600	IP-MFS20212060	IP-MFSP20260	IP-MFSM202120	IP-MFSB12060	IP-MFSID202120
IP-MFS20212080-KIT	2020	x	1200	x	800	IP-MFS20212080	IP-MFSP20280	IP-MFSM202120	IP-MFSB12080	IP-MFSID202120

\*1200 Wide Cabinets = Double Door

## Inner Door Escutcheons | Floor Standing

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

### STAINLESS STEEL

Size		Accessories
H	x 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

SHL

## Shelf Kits | Floor Standing

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

