



# PRODUCT BROCHURE

Floor Standing Electrical Cabinets

# 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.

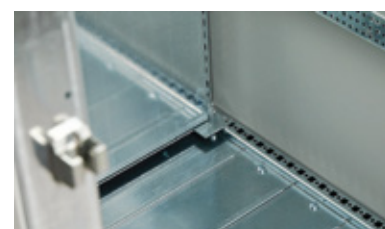
- **Standard Colour:** RAL7035

- **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



# Floor Standing Electrical Cabinets

## Stainless Steel Grade 316/316L

# MF1SS

**SINGLE DOOR | IP55 IK10**



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 IK10  
(Independent accredited test laboratory)

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



**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	x	W	x	D	Enclosure	Side Panel	Device Plate	Base
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

# Stainless Steel Grade 316/316L

# MF1SS

Part Number	Cabinet Size			Supplied with KIT				Accessories		
KIT	H	x	W	x	D	Enclosure	Side Panel	Device Plate	Base	Inner Door
IP-MFSS1626040-KIT	1620	x	600	x	400	IP-MFSS1626040	IP-MFSSP16040	IP-MFSSM16040	IP-MFSSB6040	IP-IP-MFSSID16260
IP-MFSS1626060-KIT	1620	x	600	x	600	IP-MFSS1626060	IP-MFSSP16260	IP-MFSSM16260	IP-MFSSB6060	IP-IP-MFSSID16260
IP-MFSS1626080-KIT	1620	x	600	x	800	IP-MFSS1626080	IP-MFSSP16280	IP-MFSSM16260	IP-MFSSB6080	IP-IP-MFSSID16260
IP-MFSS1628040-KIT	1620	x	800	x	400	IP-MFSS1628040	IP-MFSSP16240	IP-MFSSM16280	IP-MFSSB8040	IP-IP-MFSSID16280
IP-MFSS1628060-KIT	1620	x	800	x	600	IP-MFSS1628060	IP-MFSSP16260	IP-MFSSM16280	IP-MFSSB8060	IP-IP-MFSSID16280
IP-MFSS1628080-KIT	1620	x	800	x	800	IP-MFSS1628080	IP-MFSSP16280	IP-MFSSM16280	IP-MFSSB8080	IP-IP-MFSSID16280
IP-MFSS1866040-KIT	1860	x	600	x	400	IP-MFSS1866040	IP-MFSSP18640	IP-MFSSM18660	IP-MFSSB6040	IP-IP-MFSSID18660
IP-MFSS1866060-KIT	1860	x	600	x	600	IP-MFSS1866060	IP-MFSSP18660	IP-MFSSM18660	IP-MFSSB6060	IP-IP-MFSSID18660
IP-MFSS1866080-KIT	1860	x	600	x	800	IP-MFSS1866080	IP-MFSSP18680	IP-MFSSM18660	IP-MFSSB6080	IP-IP-MFSSID18660
IP-MFSS1868040-KIT	1860	x	800	x	400	IP-MFSS1868040	IP-MFSSP18640	IP-MFSSM18680	IP-MFSSB8040	IP-IP-MFSSID18680
IP-MFSS1868060-KIT	1860	x	800	x	600	IP-MFSS1868060	IP-MFSSP18660	IP-MFSSM18680	IP-MFSSB8060	IP-IP-MFSSID18680
IP-MFSS1868080-KIT	1860	x	800	x	800	IP-MFSS1868080	IP-MFSSP18680	IP-MFSSM18680	IP-MFSSB8080	IP-IP-MFSSID18680



## 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



# Accessories

CP

## Cover Plates & Brackets

Front cover plates and cover plate brackets are available to suit each sizes of floor standing electrical cabinet.

### FRONT COVER PLATES

**Material:** Galvanised steel sheet

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

**Standard colour:** RAL7035.

Part Number	Height (mm) x Description	To Suit Width of Cabinet (mm)
IP-CP1640	160mm High Cover Plate	400mm Wide Cabinet
IP-CPMCB1640	160mm High with MCB Cutouts	400mm Wide Cabinet
IP-CP1660	160mm High Cover Plate	600mm Wide Cabinet
IP-CPMCB1660	160mm High with MCB Cutouts	600mm Wide Cabinet
IP-CP1680	160mm High Cover Plate	800mm Wide Cabinet
IP-CPMCB1680	160mm High with MCB Cutouts	800mm Wide Cabinet
IP-CP2440	240mm High Cover Plate	400mm Wide Cabinet
IP-CP2460	240mm High Cover Plate	600mm Wide Cabinet
IP-CP2480	240mm High Cover Plate	800mm Wide Cabinet
IP-CP3240	320mm High Cover Plate	400mm Wide Cabinet
IP-CP3260	320mm High Cover Plate	600mm Wide Cabinet
IP-CP3280	320mm High Cover Plate	800mm Wide Cabinet
IP-CP4040	400mm High Cover Plate	400mm Wide Cabinet
IP-CP4060	400mm High Cover Plate	600mm Wide Cabinet
IP-CP4080	400mm High Cover Plate	800mm Wide Cabinet
IP-CP4840	480mm High Cover Plate	400mm Wide Cabinet
IP-CP4860	480mm High Cover Plate	600mm Wide Cabinet
IP-CP4880	480mm High Cover Plate	800mm Wide Cabinet
IP-CP5640	560mm High Cover Plate	400mm Wide Cabinet
IP-CP5660	560mm High Cover Plate	600mm Wide Cabinet
IP-CP5680	560mm High Cover Plate	800mm Wide Cabinet
IP-CP6440	640mm High Cover Plate	400mm Wide Cabinet
IP-CP6460	640mm High Cover Plate	600mm Wide Cabinet
IP-CP6480	640mm High Cover Plate	800mm Wide Cabinet



Cover Plates Fitted



Cover Plates Removed

### COVER BRACKETS

To fit Cover Plates, 1 x set of Cover Brackets are required. Select from below to suit the height of the electrical cabinet.

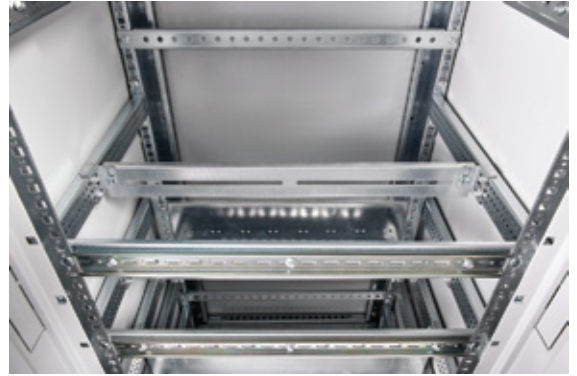
Part Number	Height (mm) x Description	To Suit Width of Cabinet (mm)
IP-CPP1620	1620mm High Cover Brackets	1620mm High Cabinet
IP-CPP1860	1860mm High Cover Brackets	1860mm High Cabinet
IP-CPP2020	2020mm High Cover Brackets	2020mm High Cabinet

## Mounting Plates, DIN Rail & Brackets

Mounting Plates and DIN Rail are mounted using a wide range of bracket kits and depth slide bracket kits to provide infinite combinations of mounting positions.

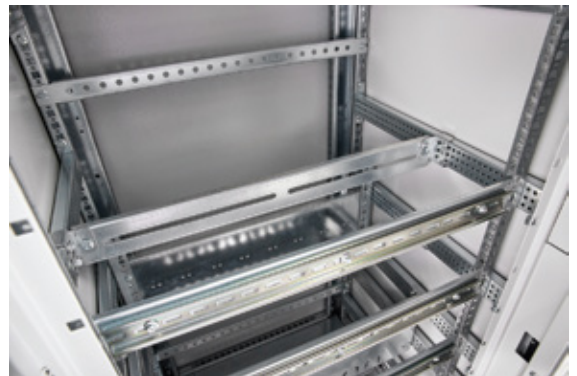
### DIN RAIL & BRACKETS

DIN Rail - SKU	Mounting Bracket - SKU	To Suit Width of Cabinet (mm)
IP-MCBR0040	IP-MCBP0040	400mm Wide Cabinet
IP-MCBR0060	IP-MCBP0060	600mm Wide Cabinet
IP-MCBR0080	IP-MCBP0080	800mm Wide Cabinet



### MOUNTING PLATES

Part Number	Height (mm) x Description	To Suit Width of Cabinet (mm)
IP-MP160400	160mm High Mounting Plate	400mm Wide Cabinet
IP-MP160600	160mm High Mounting Plate	600mm Wide Cabinet
IP-MP160800	160mm High Mounting Plate	800mm Wide Cabinet
IP-MP240400	240mm High Mounting Plate	400mm Wide Cabinet
IP-MP240600	240mm High Mounting Plate	600mm Wide Cabinet
IP-MP240800	240mm High Mounting Plate	800mm Wide Cabinet
IP-MP320400	320mm High Mounting Plate	400mm Wide Cabinet
IP-MP320600	320mm High Mounting Plate	600mm Wide Cabinet
IP-MP320800	320mm High Mounting Plate	800mm Wide Cabinet
IP-MP400400	400mm High Mounting Plate	400mm Wide Cabinet
IP-MP400600	400mm High Mounting Plate	600mm Wide Cabinet
IP-MP400800	400mm High Mounting Plate	800mm Wide Cabinet
IP-MP560400	560mm High Mounting Plate	400mm Wide Cabinet
IP-MP560600	560mm High Mounting Plate	600mm Wide Cabinet
IP-MP560800	560mm High Mounting Plate	800mm Wide Cabinet
IP-MP640400	640mm High Mounting Plate	400mm Wide Cabinet
IP-MP640600	640mm High Mounting Plate	600mm Wide Cabinet
IP-MP640800	640mm High Mounting Plate	800mm Wide Cabinet
IP-MP720400	720mm High Mounting Plate	400mm Wide Cabinet
IP-MP720600	720mm High Mounting Plate	600mm Wide Cabinet
IP-MP720800	720mm High Mounting Plate	800mm Wide Cabinet



### MOUNTING PLATE BRACKETS

To attach Mounting Plates to cabinet, select 1 x Bracket Kit below. (Note that several Mounting Plates can be attached to 1 x Bracket Kit providing the total height of Mounting Plates does not exceed height of Bracket Kit.)

Part Number	Height (mm) x Description
IP-MPB400-KIT	400mm High Mounting Plate Bracket Kit
IP-MPB600-KIT	600mm High Mounting Plate Bracket Kit
IP-MPB800-KIT	800mm High Mounting Plate Bracket Kit
IP-MPB1000-KIT	1000mm High Mounting Plate Bracket Kit

### DEPTH SLIDE KIT

To attach Mounting Plate Bracket Kit, 1 x Depth Slide Kit is required (if existing Depth Slides are not suitably positioned). Select 1 x Depth Slide Kit to suit depth of cabinet.

Part Number	Depth (mm) to suit Depth of Cabinet
IP-DS400-KIT	400mm Depth Slide Kit
IP-DS600-KIT	600mm Depth Slide Kit
IP-DS800-KIT	800mm Depth Slide Kit



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