



# MINIPOL



Hot moulded GRP



# MINIPOL System

## HOT MOULDED CABINETS

### Two door types

- Plain: allows the mounting of devices in the door.
- Glazed: Combined with mounting plate, chassis and/or internal door permits you to see meters, devices, lamps, etc. maintaining the levels of IP and security.

### Grey color RAL 7035

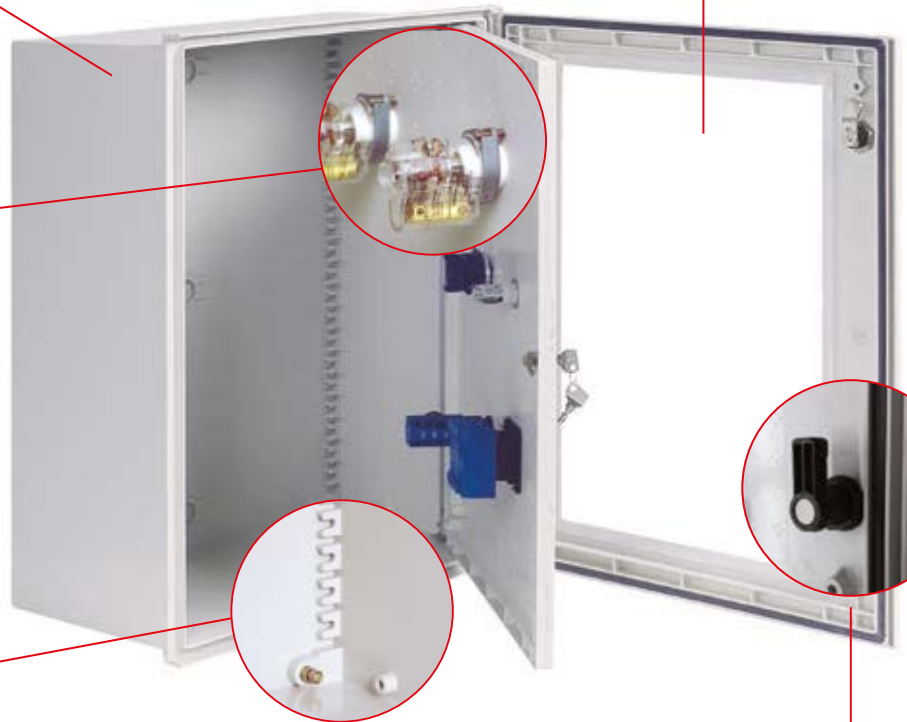
Also available in Beige, Dark grey or Green

### Easy to machine

Vertical patterns in the interior of the doors, which enables the correct fitting of devices.

### Easy fitting

Quick fixture guides in the back permits fitting without drilling.



### Customization

Custom-made manufacturing.



### Locking systems

Different basic closing and locking systems. Customization on request.

Double bit lock



3-point locking mechanism





### Monobloc : all in 1

Product composed of a single block



### Autoextinguible

to 960° C



### Degrees of protection

Suited to corrosive environments and climatic agents

- IP66 according to IEC 60529
- IK10 according to IEC 62262 (standard)
- IK08 according to IEC 62262 (glazed window)



### UL certification

This range is UL approved. To order your products according to this approval, please contact us.

### Security

The chassis and internal door maintain an **IP20** when the external door is open.



### Mounting

Pole fixing



Wall mounting



### Internal ZAMAK hinge

180° door opening warranted.  
*ZAMAK standard.*  
*INOX AISI 316 available upon request.*



















### Technical data

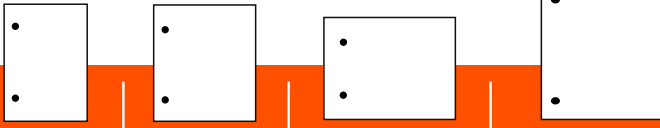
Fibreglass reinforced polyester Enclosure (GRP)	RAL7035 colour	IEC 62208
Mechanical (Impact) Resistance	IK10	IEC-62262
Protection against dust-water	IP-66	IEC-60529
Double Insulation	Classe II	EN 60439-1
Corrosion resistance	Yes	IEC 60068-2-30
Thermal Class	A	UNE-21305
Self extinguishing material	960°	IEC 60695-2
Temperature Range	-30° + 105°	IEC 60670
Rated Voltage	1.000V	IEC 60439-5

# Range of products

300x250x140 400x300x200 400x400x200 500x400x200

		Dimensions (mm) Height x Width x Depth				
						
CABINETS	 Plain door Supplied with 2 double bit lock 3.0 mm IP66	MN 321 06PF320001	MN 432 06PF430001	MN 442 06PF440001	MN 542 06PF540001	
	 Plain door Three point closing device with swing handle 1 double bit lock 3.0 mm IP66	-	MN 432/3P 06PF430002	MN 442/3P 06PF440002	MN 542/3P 06PF540002	
	 Glazed door Supplied with 2 double bit lock 3.0 mm IP66	MN 321-V 06PF320002	MN 432-V 06PF430003	MN 442-V 06PF440003	MN 542-V 06PF540003	
	 Glazed door Three point closing device with swing handle 1 double bit lock 3.0 mm IP66	-	MN 432/3P-V 06PF430004	MN 442/3P-V 06PF440004	MN 542/3P-V 06PF540004	
ACCESSORIES	 Polyester mounting plate 4 mm thickness	MN P32 06PFPP0001	MN P43 06PFPP0002	MN P44 06PFPP0003	MN P54 06PFPP0004	
	 Metal mounting plate Galvanized steel 2 mm thickness	MN PM32 06PFPM0001	MN PM43 06PFPM0002	MN PM44 06PFPM0003	MN PM54 06PFPM0004	
	 Perforated mounting plate (TELEQUICK) Zinc plated steel Allows quick fixing of devices by using M4, M5 and M6 screw nuts	MN PBR32 06PFPF0001	MN PBR43 06PFPF0002	MN PBR44 06PFPF0003	MN PBR54 06PFPF0004	
	 Internal door Made of polyester Installation kit included	-	MN PI43 06PFPI0001	MN PI44 06PFPI0002	MN PI54 06PFPI0003	
	 Chassis for the filling of modular devices Composed of a chassis, die cast plates and DIN profiles for fixing the devices	N° of modules N° of banks	-	MN CH43 06PFCH0001 24 2x12	MN CH44 06PFCH0002 36 2x18	MN CH54 06PFCH0003 54 3x18
	 Die cast plates Knockouts for DIN Switchgear Plates in self-extinguishing insulating material	152 mm height 178 mm height 202 mm height	- - MN CC-300/178 06PFCT0004	- - MN CC-400/178 06PFCT0005 - MN CC-400/202 06PFCT0007	MN CC-400/152 06PFCT0001 MN CC-400/178 06PFCT0005 MN CC-400/202 06PFCT0007	
	 Mounting plate for modular chassis For the fixing of non-modular switchgear Galvanized steel	152 mm height 178 mm height 202 mm height	- - MN PB-300/178 06PFPC0004 - -	- - MN PB-400/152 06PFPC0001 MN PB-400/178 06PFPC0005 MN PB-400/202 06PFPC0007	MN PB-400/152 06PFPC0001 MN PB-400/178 06PFPC0005 MN PB-400/202 06PFPC0007	
	 Pole mounting for external, provisional installations as construction, fairs, street lighting, etc. Steel band not supplied		MN FP-250 06PFPP0006	MN FP-300 06PFPP0007	MN FP-400 06PFPP0008	MN FP-400 06PFPP0008

600x400x230    600x500x230    600x800x300    800x600x300



MN 642 06PF640001	MN 652 06PF650001	-	MN 863 06PF860001
MN 642/3P 06PF640002	MN 652/3P 06PF650002	MN 683/3P 06PF680002	MN 863/3P 06PF860002
MN 642-V 06PF640003	MN 652-V 06PF650003	-	MN 863-V 06PF860003
MN 642/3P-V 06PF640004	MN 652/3P-V 06PF650004	MN 683/3P-V 06PF680004	MN 863/3P-V 06PF860004
MN P64 06PFPP0005	MN P65 06PFPP0006	MN P86-68 06PFPP0007	MN P86-68 06PFPP0007
MN PM64 06PFPM0005	MN PM65 06PFPM0006	MN PM86-68 06PFPM0007	MN PM86-68 06PFPM0007
MN PBR64 06PFPP0005	MN PBR65 06PFPP0006	MN PBR86 06PFPP0008	MN PBR86 06PFPP0007
MN PI64 06PFPI0004	MN PI65 06PFPI0005	-	MN PI86 06PFPI0006
MN CH64 06PFCH0004 54 3x18	MN CH65 06PFCH0005 69 3x23	-	MN CH86/4 06PFCH0006 116 4x29    MN CH86/5 06PFCH0007 145 5x29
MN CC-400/152 06PFCT0001 MN CC-400/178 06PFCT0005 MN CC-400/202 06PFCT0007	MN CC-500/152 06PFCT0002 - - MN CC-500/202 06PFCT0008	-	MN CC-600/152 06PFCT0003 MN CC-600/178 06PFCT0006 MN CC-600/202 06PFCT0009
MN PB-400/152 06PFPC0001 MN PB-400/178 06PFPC0005 MN PB-400/202 06PFPC0007	MN PB-500/152 06PFPC0002 - - MN PB-500/202 06PFPC0008	-	MN PB-600/152 06PFPC0003 MN PB-600/178 06PFPC0006 MN PB-600/202 06PFPC0009
MN FP-400 06PFPP0008	MN FP-500 06PFPP0009	MN FP-800 06PFPP0011	MN FP-600 06PFPP0010

## Locking systems



All our standard cabinets are supplied with 2 double bit locks 3.0 mm. Order your cabinets with customized locking systems by simply changing the number before the last number of the product reference:

### Example :

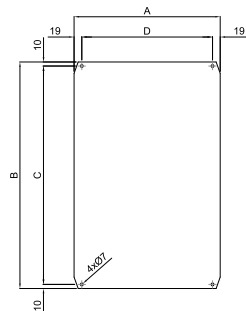
06PF430031 = cabinet 400mm height x 300mm width x 200mm Depth, manual with key lock

See all possible configurations on the next page

## Plates (mm)

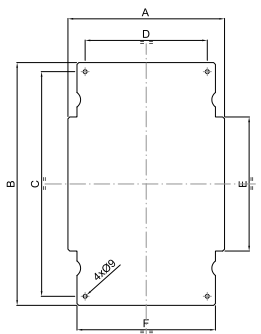
### POLYESTER

Ref.	Type	A	B	C	D
06PFPP0001	MN P32	213	268	248	175
06PFPP0002	MN P43	260	358	338	222
06PFPP0003	MN P44	360	358	338	322
06PFPP0004	MN P54	360	458	360	322
06PFPP0005	MN P64	360	558	538	322
06PFPP0006	MN P65	460	558	538	422
06PFPP0007	MN P68/86	556	754	734	518



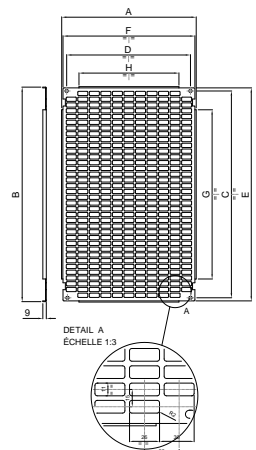
### METAL

Ref.	Type	A	B	C	D	E	F
06PFPM0001	MN PM32	213	268	248	175	148	193
06PFPM0002	MN PM43	254	358	338	222	238	234
06PFPM0003	MN PM44	354	358	338	322	238	334
06PFPM0004	MN PM54	354	458	438	322	338	334
06PFPM0005	MN PM64	354	558	538	322	438	334
06PFPM0006	MN PM65	454	558	538	422	438	434
06PFPM0007	MN PM68 MN PM86	550	754	734	518	634	530



### PERFORATED

Ref.	Type	A	B	C	D	E	F	G	H
06PFPP0001	MN PBR32	202	268	248	175	-	195	200	-
06PFPP0002	MN PBR43	250	358	338	222	354	243	240	160
06PFPP0003	MN PBR44	350	358	338	322	354	343	240	260
06PFPP0004	MN PBR54	350	458	438	322	454	343	340	260
06PFPP0005	MN PBR64	350	558	538	322	554	343	440	260
06PFPP0006	MN PBR65	450	558	538	422	554	443	440	360
06PFPP0007	MN PBR86	545	754	734	518	750	538	636	455
06PFPP0008	MN PBR68	754	545	518	734	538	750	455	636



# Accessories

## Locks

Wide range of locks adaptables to the cabinets.

\*Transform the number before the last one of reference to choose the type of locking device.



Double bit lock  
3,0 mm (standard)



Triangular screw  
11 mm



Manual  
with key lock



Padlock  
Inox  
Ref. 06PFCR0005  
Galvanized steel  
Consult us

Ref. accessories	06PFCR0001	06PFCR0002	06PFCR0003	
Ref. mounted*	06PFXXXX0X	06PFXXXX2X	06PFXXXX3X	

## Swing-handle

Wide range of locking devices with swing handle to suit the complete range of enclosures.

Various locks & keys possible (example : 455/405/1242E/421...)



Double bit  
lock



Cylinder  
& key locked



Without Cylinder  
& key



Triangular  
11 mm



Triangular 11 mm  
+ padlocking handle

Ref. accessories	06PFCR0006	06PFCR0007	06PFCR0008	06PFCR0009	06PFCR0010
Ref. mounted*	06PFxxxx0x	06PFxxxx7x	06PFxxxx8x	06PFxxxx9x	06PFxxxx10x

## Surface mounting

Wall fixing set. Directly to the wall by the means of head-insulated screws.

Set of 4 adjustable brackets



Ref. 06PFAD0001



Ref. 06PFAD0002

## Nuts

To fix devices with the help of perforated mounting plate.



- Nut M4 Ref. 06PFAD0003
- Nut M5 Ref. 06PFAD0004
- Nut M6 Ref. 06PFAD0005

## Adjustable base plate

Set of four profiles for the adjustment of the base plate, to different depths.  
Made of galvanized steel.  
Fast fixing to the cabinet.



- Cabinet kit for :
- MN 432, 442 & 542 Ref. 06PFAD0006
  - MN 642 & 652 Ref. 06PFAD0007
  - MN 863 Ref. 06PFAD0008



## Ventilation device

To allow ventilation in the cabinet.  
(Two air vents must be mounted per enclosure to ensure the correct air circulation)



Little size RAL 7035 x1  
Ref. 06PEAD0001

Big size RAL 7035 x2  
Ref. 06PEAD0002

IP54 150x150mm x1  
Ref. 06PEAD0003



## Shutters

Set of shutters enabling partial covering of the window for automatic fuses.  
Made of a self-extinguishing and isolating material. Fast fixing.



Set of 3 pieces of 1 module  
and 2 pieces of 1/2 module.

Ref. 06PNAD0001

## Drain valve

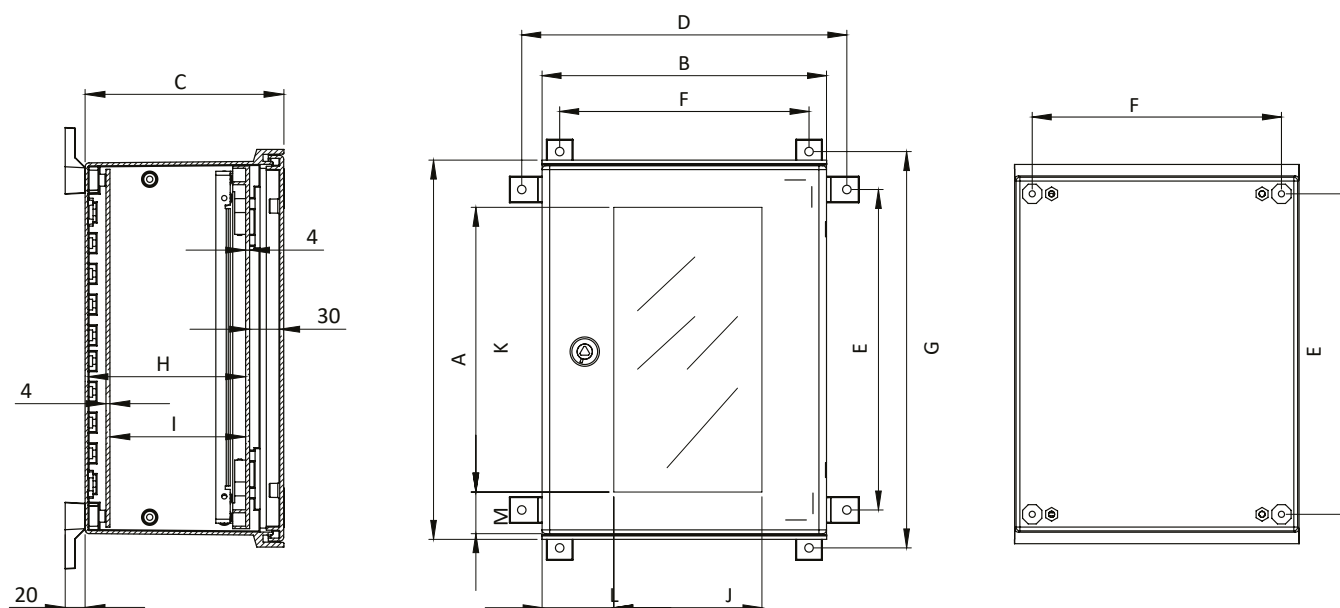
Enabling drainage of possible condensation.  
Made of polyester.



For all types of enclosures.

Ref. 06PNAD0002

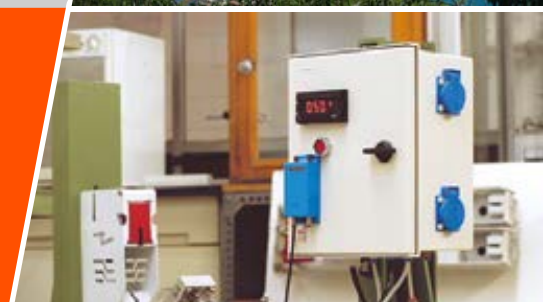
## Dimensional



Reference	Type	A (mm)	B	C	D	E	F	G	H	I	J	K	L	M
06PF320001	MN 321	300	250	140	297	248	215	330	-	-	115	220	75	35,5
06PF430001	MN 432	400	300	200	344	338	262	420	158	138	121	281	89,5	53
06PF440001	MN 442	400	400	200	444	338	362	420	158	138	221	281	89,5	53
06PF540001	MN 542	500	400	200	444	438	362	520	158	138	221	381	89,5	53
06PF640001	MN 642	600	400	230	444	538	362	620	187	167	221	481	89,5	53
06PF650001	MN 652	600	500	230	544	538	462	620	187	167	321	481	89,5	53
06PF680001	MN 683	600	800	300	816	558	734	640	257	237	621	481	89,5	53
06PF860001	MN 863	800	600	300	640	734	558	816	257	237	421	681	89,5	53



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