



MINIPOL System

HOT MOULDED ENCLOSURES

Grey color RAL 7035

Also available in Beige, Dark grey or Green. As an option, possibility to paint the enclosure with any color.

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.

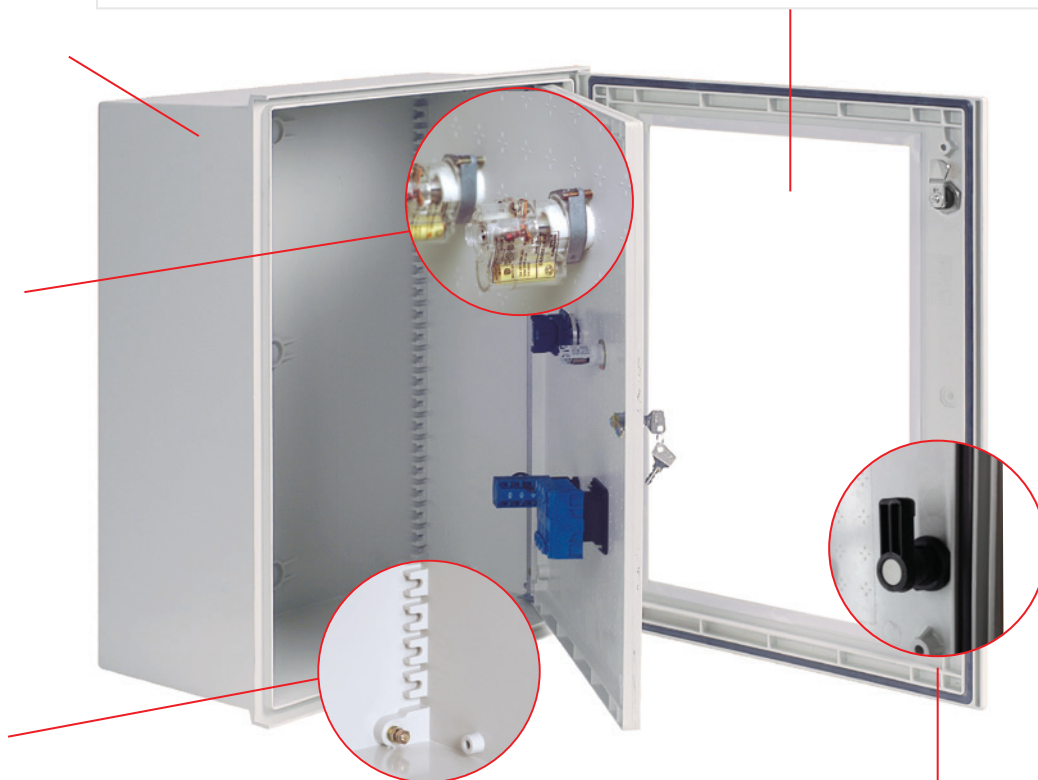
Customization

Custom-made manufacturing.



- **Plain:** Permits the mounting of devices on the door
- **Glazed:** When combined with a mounting plate, chassis, and/or internal door, it allows you to see meters, devices, lamps, etc., while maintaining the levels of IP and security..

Two door types



Locking systems

Different basic closing and locking systems. Customization on request.

See p18

Double bit lock



3-point locking mechanism





Monobloc : all in 1

Product composed of a single block.



Self-extinguishing
at 960° C



Degrees of protection

Suitable for corrosive environments and climatic conditions.

- **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 hinges

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



Technical Data

Fibreglass reinforced polyester Enclosure (GRP)	Colour RAL7035	IEC 62208
Mechanical (Impact) Resistance	IK10	IEC 62262
Protection against dust-water	IP66	IEC 60529
Double Insulation	Class II	EN 61439-1
Corrosion resistance	Yes	IEC 60068-2-30
Thermal Class	A	EN 60085
Self extinguishing material	960°	IEC 60695-2
Temperature Range	-30° +105°	IEC 60670
Rated Voltage	1000 VAC / 1500 VDC	IEC 61439-1



Product range

ENCLOSURES

ACCESSORIES

		Dimensions (mm) Height x Width x Depth				
		300x250x140	400x300x200	400x400x200	500x400x200	600x400x230
	Plain door Supplied with 2 double bit lock 3.0 mm (standard) IP66	MN 321 06PF320001 (1 double bit lock)	MN 432 06PF430001	MN 442 06PF440001	MN 542 06PF540001	MN 642 06PF640001
	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	MN 642/3P 06PF640002
	Glazed door Supplied with 2 double bit lock 3.0 mm (standard) IP66	MN 321-V 06PF320003	MN 432-V 06PF430003	MN 442-V 06PF440003	MN 542-V 06PF540003	MN 642-V 06PF640003
	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	MN 642/3P-V 06PF640004
	Polyester mounting plate 4 mm thickness	MN P32 06PFP001	MN P43 06PFP002	MN P44 06PFP003	MN P54 06PFP004	MN P64 06PFP005
	Metal mounting plate Galvanized steel 2 mm thickness	MN PM32 06PFPM0001	MN PM43 06PFPM0002	MN PM44 06PFPM0003	MN PM54 06PFPM0004	MN PM64 06PFPM0005
	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	MN PBR64 06PFPF0005
	Internal door Made of polyester Installation kit included	-	MN PI43 06PFPI0001	MN PI44 06PFPI0002	MN PI54 06PFPI0003	MN PI64 06PFPI0004
	Chassis for the fitting 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-P3 06PFCH0001-3P 24 2x12	MN CH44-P3 06PFCH0002-3P 36 2x18	MN CH54-P3 06PFCH0003-3P 54 3x18	MN CH64-P3 06PFCH0004-3P 54 3x18
	Die cast plates	152 mm height	-	MN CC-400/152 06PFCT0001	MN CC-400/152 06PFCT0001	MN CC-400/152 06PFCT0001
	Knockouts for DIN Switchgear	178 mm height	MN CC-300/178 06PFCT0004	MN CC-400/178 06PFCT0005	MN CC-400/178 06PFCT0005	MN CC-400/178 06PFCT0005
	Plates in self-extinguishing insulating material	202 mm height	-	MN CC-400/202 06PFCT0007	MN CC-400/202 06PFCT0007	MN CC-400/202 06PFCT0007
	Pole mounting for external, provisional installations as construction, fairs, street lighting, etc. Set of flat bars and adjustable straps. Clamps and profiles of galvanized steel.	MN FP-250F 06PFFP0001	MN FP-300F 06PFFP0002	MN FP-400F 06PFFP0003	MN FP-400F 06PFFP0003	MN FP-400F 06PFFP0003
	Pole mounting for external, provisional installations as construction, fairs, street lighting, etc. Steel band not supplied	MN FP-250 06PFFP0006	MN FP-300 06PFFP0007	MN FP-400 06PFFP0008	MN FP-400 06PFFP0008	MN FP-400 06PFFP0008

MOUNTING PLATES (mm)

600x500x230	600x800x300	800x600x300	800x1000x300	1000x800 x300
MN 652 06PF650001	MN 683 06PF680001	MN 863 06PF860001	MN 8103 06PF810001	MN 1083 06PF108001

MN 652/3P 06PF650002	MN 683/3P 06PF680002	MN 863/3P 06PF860002	MN 8103/3P 06PF810002	MN 1083/3P 06PF108002
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MN 652-V 06PF650003	MN 683-V 06PF680003	MN 863-V 06PF860003	MN 8103-V 06PF810003	MN 1083-V 06PF108003
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MN 652/3P-V 06PF650004	MN 683/3P-V 06PF680004	MN 863/3P-V 06PF860004	MN 8103/3P-V 06PF810004	MN 1083/3P-V 06PF108004
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MN P65 06PFPP006	MN P86-68 06PFPP007	MN P86-68 06PFPP008	MN P81-108 06PFPP009	MN P81-108 06PFPP010
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MN PM65 06PFPM0006	MN PM86-68 06PFPM0007	MN PM86-68 06PFPM0008	MN PM81-108 06PFPM0009	MN PM81-108 06PFPM0010
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MN PBR65 06PFPP0006	MN PBR86 06PFPP0007	MN PBR86 06PFPP0008	MN PBR81-108 06PFPP0009	MN PBR81-108 06PFPP0010
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MN PI65 06PFPI0005	-	MN PI86 06PFPI0006	-	-
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MN CH65-P3 06PFCH0005-3P 69 3x23	MN CH86-4 P3 06PFCH0006-3P 116 4x29	MN CH86-5 P3 06PFCH0007-3P 130 5x26	-	-
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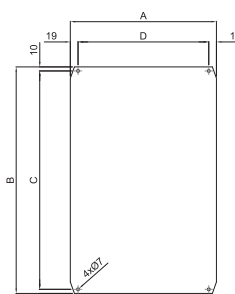
MN CC-500/152 06PFCT0002	-	MN CC-600/152 06PFCT0003	-	-
-	-	MN CC-600/178 06PFCT0006	-	-
MN CC-500/202 06PFCT0008	-	MN CC-600/202 06PFCT0009	-	-

MN FP-500F 06PFFP0005	MN FP-800F 06PFFP0016	MN FP-600F 06PFFP0005	MN FP-1000F 06PFFP0017	MN FP-800F 06PFFP0016
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MN FP-500 06PFFP0009	MN FP-800 06PFFP0011	MN FP-600 06PFFP0010	MN FP-1000 06PFFP0017-1	MN FP-800 06PFFP0016-1
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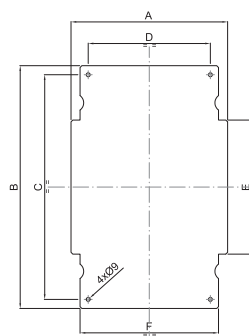
POLYESTER

Ref.	Cabinet	A	B	C	D
06PFPP0001	MN 32	213	268	248	175
06PFPP0002	MN 43	260	358	338	222
06PFPP0003	MN 44	360	358	338	322
06PFPP0004	MN 54	360	458	360	322
06PFPP0005	MN 64	360	558	538	322
06PFPP0006	MN 65	460	558	538	422
06PFPP0007	MN 68 MN 86	556	754	734	518
06PFPP0008	MN 108 MN 810	729	956	918	709



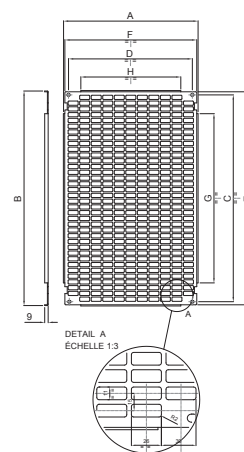
METAL

Ref.	Cabinet	A	B	C	D	E	F
06PFPM0001	MN 32	213	268	248	175	148	193
06PFPM0002	MN 43	254	358	338	222	238	234
06PFPM0003	MN 44	354	358	338	322	238	334
06PFPM0004	MN 54	354	458	438	322	338	334
06PFPM0005	MN 64	354	558	538	322	438	334
06PFPM0006	MN 65	454	558	538	422	438	434
06PFPM0007	MN 68 MN 86	550	754	734	518	634	530
06PFPM0008	MN810 MN108	956	729	709	918	609	936



PERFORATED METAL

Ref.	Cabinet	A	B	C	D	E	F	G	H
06PFPF0001	MN 32	202	268	248	175	-	195	200	-
06PFPF0002	MN 43	250	358	338	222	354	243	240	160
06PFPF0003	MN 44	350	358	338	322	354	343	240	260
06PFPF0004	MN 54	350	458	438	322	454	343	340	260
06PFPF0005	MN 64	350	558	538	322	554	343	440	260
06PFPF0006	MN 65	450	558	538	422	554	443	440	360
06PFPF0007	MN 86	545	754	734	518	750	538	636	455
06PFPF0008	MN 68	754	545	518	734	538	750	455	636
06PFPF0009	MN 810 MN 108	729	945	918	709	938	725	855	611



Accessories

Locking systems

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

Example : 06PF4300**31** = enclosure 400mm height x 300mm width x 200mm Depth, manual with key lock

Locks

Wide range of locks adaptables to the enclosures.

*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*	06PFXXX0X	06PFXXX2X	06PFXXX3X

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*	06PFxxx0x	06PFxxx7x	06PFxxx8x	06PFxxx9x	06PFxxx10x

Surface mounting

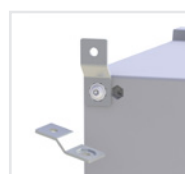
Wall fixing set. Directly to the wall by the means of head-insulated screws.

Set of 4 metallic supports

Set of 4 adjustable brackets



Screws from the inside
(All models)
Ref. 06PFAD0001



MN32 a MN65
Ref. 06PFAD0002-M
MN68, 86, 108 y 810
Ref. 06PFAD0002-86M



Internal fastening (All models)
Ref. 06PFAD0002
External fastening (MN68, 86,
108 y 810) Ref. 06PFAD0002-86

Nuts

To fix devices with help of perforated mounting plate.



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

Kit to adjust base plate

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



Kit for enclosures:
MN432, 442 & 542 Ref. 06PFAD0006
MN642 & 652 Ref. 06PFAD0007
MN863 Ref. 06PFAD0008



Limit switch
(For all enclosures)
Ref. E947456

Ventilation device

To allow ventilation in the enclosure.

(Two air vents must be mounted per enclosure to ensure the correct air circulation)



Small size RAL 7035

Ref. 06PEAD0001

Big size RAL 7035

Ref. 06PEAD0002



Door stopper



For MN43/44/54/64/65/86:

Ref. E947239

For MN683 y MN108 4P:

Ref. E947222

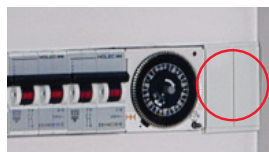
For MN683 3P: Ref. E947222-3P

For MN810/108 3P: To Consult

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.

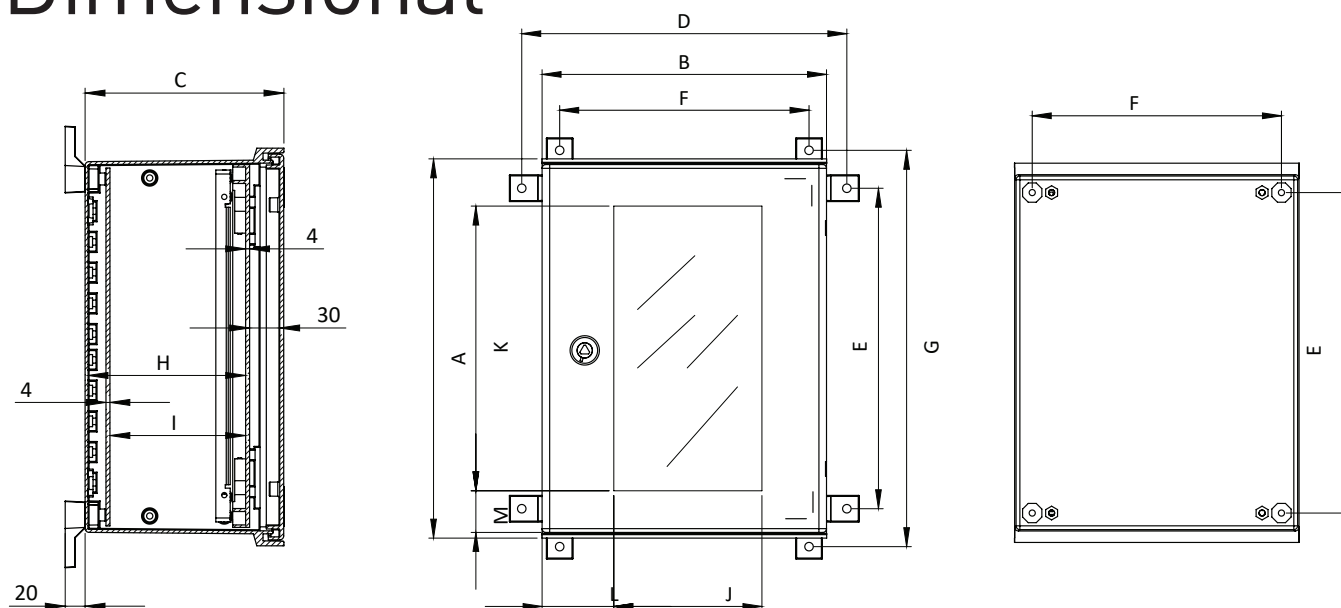
Made of polyester.



For all model of enclosures

Ref. 06PNAD0002

Dimensional



Enclosure dimensions (mm)

Reference	Model	A	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
06PF810001	MN 8103	800	1.000	300	1.038	709	958	789	257	237	621	481	189	153
06PF180001	MN 1083	1.000	800	300	789	958	709	1.038	257	237	481	621	153	189