



### **GENERAL FEATURES**

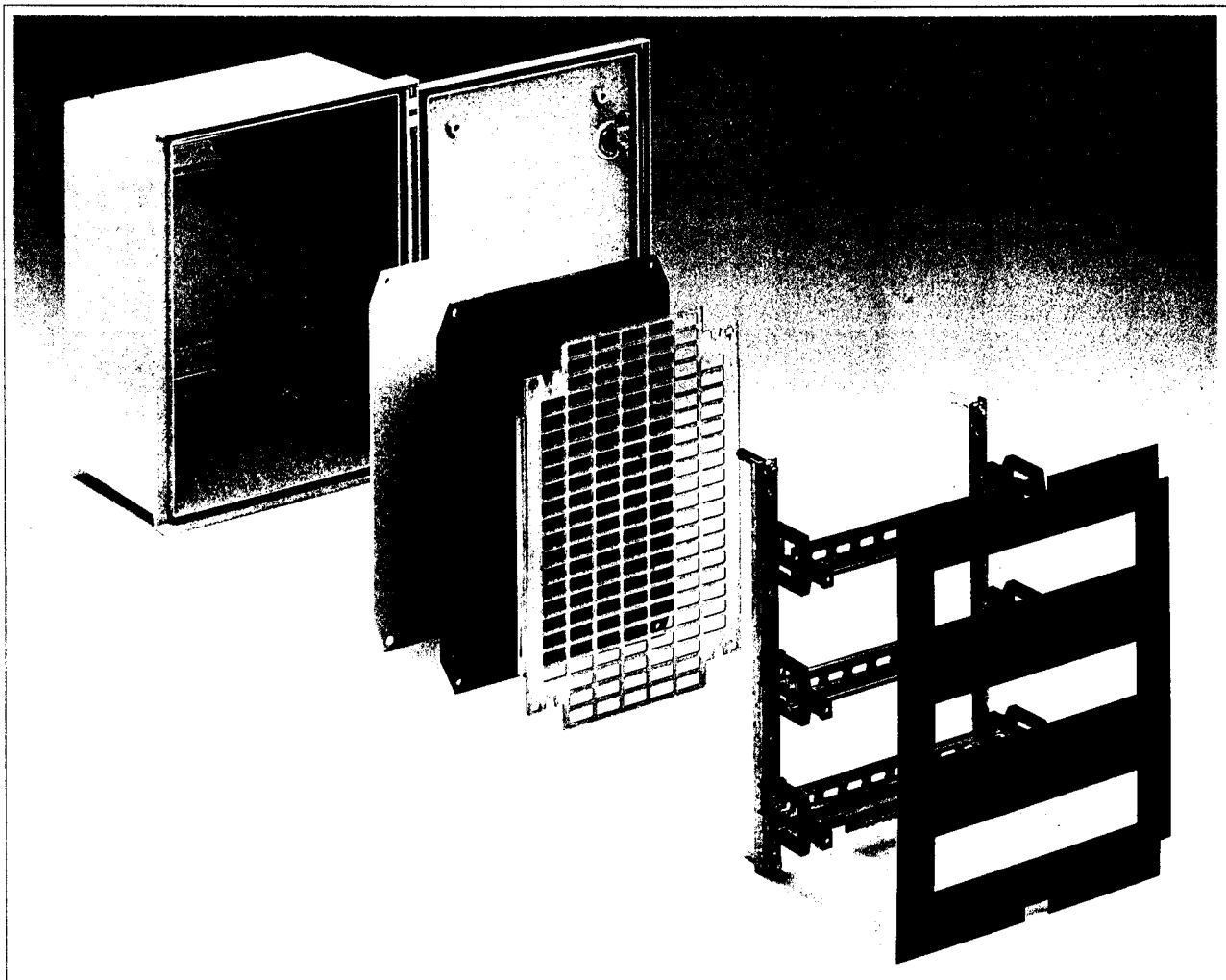
- Double insulation.
- Fire resistant, self-extinguishing.
- High impact strength.
- Does not absorb water.
- Non tracking.
- Insensitive to sudden temperature changes.
- Corrosive environment resistant.
- Light weight.
- Easily machined.

### **DATA AND STANDARDS**

- Degree of protection IP55 and IP65 (IEC 529).
- Self-extinguishing (IEC 695 2-1).
- Resistance to heat 130 °C classe B IEC 85.

### **APPROVALS**

- Laboratori General d'Assaigs i Investigacions.
- CSA
- NEMKO



## QUALITY

The MINIPOL SYSTEM is a new generation of wall mounted enclosures, made from fibre glass reinforced polyester. They are the result of the most modern moulding techniques, by which each enclosure is a one piece construction without joins or external welding — a system protected by a Patent— reaching a degree of protection to IP-65/9. The properties of polyester itself are reinforced by a 30% fibre glass mix, obtaining a high resistance and mechanical rigidity —scale 9— with a weight of approx. 1/3rd of that of sheet steel enclosures of equivalent dimensions.

## ECONOMY

The MINIPOL SYSTEM was especially developed for storing electrical and/or electronic apparatus in all their applications, where, because of problems of corrosion, polyester enclosures offer greater advantages than the traditional sheet steel types. Now, with the new MINIPOL SYSTEM range, it is possible to use an enclosure with high resistance to corrosion for a comparatively small increase in price to a sheet steel enclosure, and thereby obtain better long-term results.

Especially recommended for installation in all environments, in- or outdoors, in which dust, humidity, presence of acids, extreme conditions such as snow, ice, tropical climate, etc., make the use of polyester more advantageous.

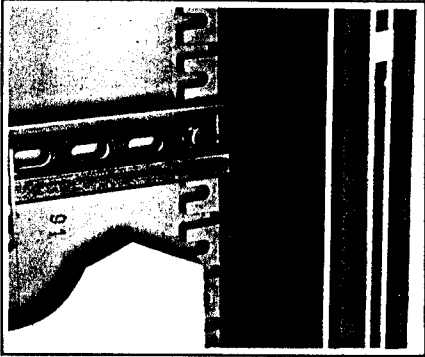
## FLEXIBILITY

The MINIPOL SYSTEM offers the opportunity of choosing between three types of internal mounting facilities: Polyester, Metallic or the new Perforated Telequick Panel, for rapid fixing of components without need for machining or, if preferred, interior moulded guides for the direct mounting of profiles on the enclosure base. This method being more economic in both time and money.

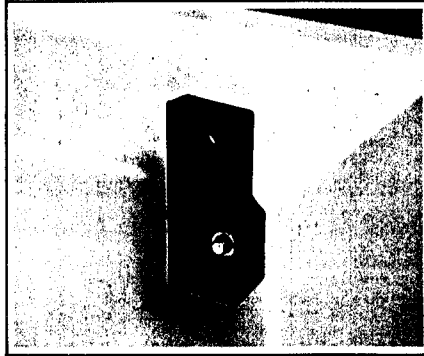
MINIPOL's attractive desing with the new moulded visor, permits an opening of the front door to 180° by concealed stainless steel hinges, which offers maximum accessibility to the interior.

Within its extensive range of accessories, the MODULAR CHASSIS, which come in kit form, offer the quickest and most efficient solution for the installation of electrical assemblies with modular switchgear.

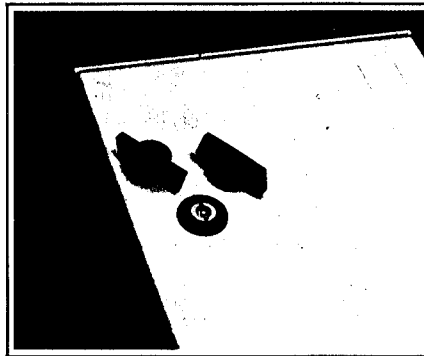
## PERFORMANCES



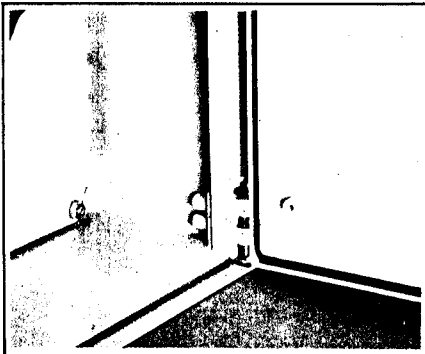
- Rapid fixture guides using M6 screws for easy profile assembly directly to the enclosure rear



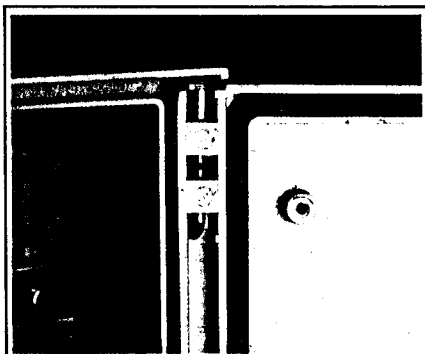
- Moulded wall mounting brackets with plated screws allow wiring clearance of 20 mm between cabinet and wall. Wall mounting facility variable to 45°



- The enclosure can be mounted to allow door to be opened to left or right, up or down.
- Interchangeable system of locks and keys available. Standard delivery: DIN 3 mm double bar with removable key handle.



- Direct fixing to wall, accessible even with the assembly plate installed.
- Carefully studied design to offer maximum accessibility to the interior.
- Moulded pillars for the fixture of accessories to the door.

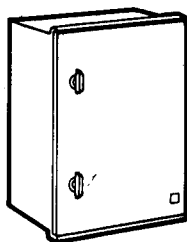


- Moulded visor for protection to **IP65**.
- Concealed stainless steel quick release hinges, giving a door opening in excess of 180°.

## Type

### STANDARD BASIC ENCLOSURE

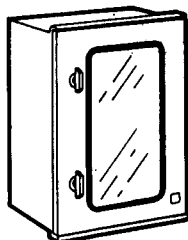
The enclosure is supplied with all the accessories for direct wall mounting.



**Dimensions:** height x width x depth  
**Number of locks/catches with key**  
**Weight ( Kg )**  
**Reference**

### BASIC ENCLOSURE WITH WINDOW IN DOOR

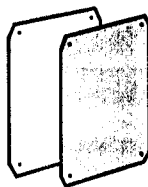
Transparent surface of 3 mm thickness. Fire retardent and resistant to ultra violet rays.



**Dimensions:** transparent surface  
**Reference**

### MOUNTING PLATES

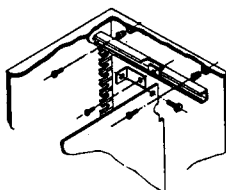
Two types of mounting plates to choose from. The perforated TELE-QUICK plate allows the rapid fixture of switchgear, by means of M4, M5 and M6 cage nuts.



**Dimensions**  
**Polyester:** 4mm thick plate  
**Metallic:** 2mm thick plate  
**Package unit**

### ADJUSTABLE MOUNTING PLATE

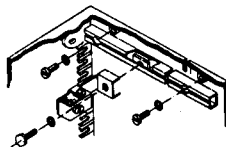
Set of 4 mounting brackets, assembly plate adjustable for different depths.



**Reference**  
**Package unit**

### ADJUSTABLE INTERNAL DOOR

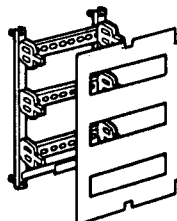
Set of mounting brackets for different depths with internal door.



**Reference**  
**Package unit**

### MODULAR CHASSIS

Complete kits of easy assembly for rapid fixture of modular switchgear: ICP, differentials, schedule controllers etc. 17,5mm module. Adjustable depth at 5 different heights; maximum 66mm. PVC front plate.



**Total capacity of modules**  
**Number of files**  
**Reference**  
**Package unit**

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**Number of files**  
**Reference**  
**Package unit**

<b>MINIPOL-325</b>	<b>MINIPOL-43</b>	<b>MINIPOL-44</b>	<b>MINIPOL-54</b>	<b>MINIPOL-64</b>	<b>MINIPOL-65</b>	<b>MINIPOL-86</b>
300 x 250 x 140	400 x 300 x 200	400 x 400 x 200	500 x 400 x 200	600 x 400 x 230	600 x 500 x 230	800 x 600 x 300
1	2	2	2	2	2	2
1,8	2,9	3,9	4,7	5,8	6,8	-
<b>MIP-325</b>	<b>MIP-43</b>	<b>MIP-44</b>	<b>MIP-54</b>	<b>MIP-64</b>	<b>MIP-65</b>	<b>MIP-86</b>
200 x 95	280 x 140	280 x 220	380 x 220	480 x 220	480 x 320	680 x 420
<b>MIP-325PT</b>	<b>MIP-43PT</b>	<b>MIP-44PT</b>	<b>MIP-54PT</b>	<b>MIP-64PT</b>	<b>MIP-65PT</b>	<b>MIP-86PT</b>
268 x 213	358 x 260	358 x 360	458 x 360	558 x 360	558 x 460	754 x 556
<b>PBP-325</b>	<b>PBP-43</b>	<b>PBP-44</b>	<b>PBP-54</b>	<b>PBP-64</b>	<b>PBP-65</b>	<b>PBP-86</b>
<b>PBM-325</b>	<b>PBM-43</b>	<b>PBM-44</b>	<b>PBM-54</b>	<b>PBM-64</b>	<b>PBM-65</b>	-
1	1	1	1	1	1	1
		<b>PDP-200</b>		<b>PDP-230</b>		<b>PDP-300</b>
		1		1		1
	<b>PID-43</b>	<b>PID-44</b>	<b>PID-54</b>	<b>PID-64</b>	<b>PID-65</b>	<b>PID-86</b>
	1	1	1	1	1	1
10	24	36	54	72	96	
1	2	2	3	4	4	
<b>MIP-325/1x10</b>	<b>MIP-43/2x12</b>	<b>MIP-44/2x18</b>	<b>MIP-54/3x18</b>	<b>MIP-64/4x18</b>	<b>MIP-65/4x24</b>	
5	5	5	5	5	5	
20	36	54				
2	3	3				
<b>MIP-325/2x10</b>	<b>MIP-43/3x12</b>	<b>MIP-44/3x18</b>				
5	5	5				