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.

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.

ECONOMY

The MINIPOL SYSTEM was especially developed for storing electrical and/or electronic apparatus in all their aplications, 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 comparitively small increase in price to a sheet steel enclosure, and thereby obtain better long-term results.

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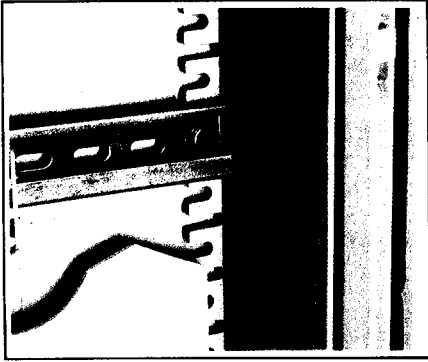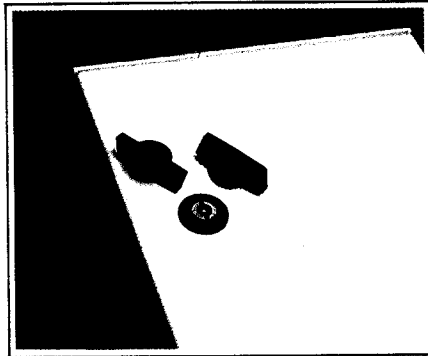
- Rapid fixture guides using M6 screws for easy profile assembly directly to the enclosure rear
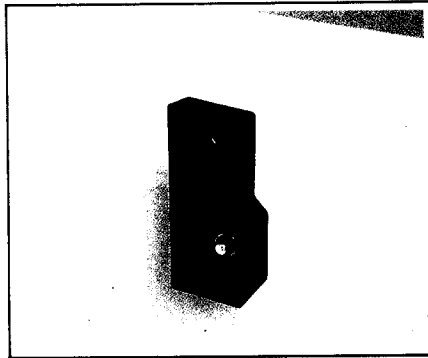

- Moulded wall mounting brackets with plated screws allow wiring clearance of 20 mm between cabinet and wall. Wall mounting facility variable to 45°

- The enclosure can be mounted to allow door to be opened to left or right, up or down.
- Interchangeable system of loaks and keys available. Standard delivery: DIN 3 mm double bar with removable key handle.
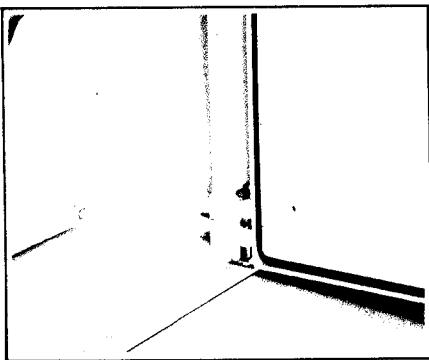
- Direct fixing to wall, accessible even with the assembly plate installed.
- Carefully studied design to offer maximum accessibility to the interior.
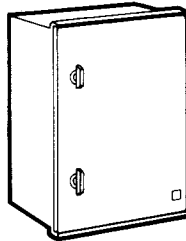- Moulded pillars for the fixture of accesories to the door.
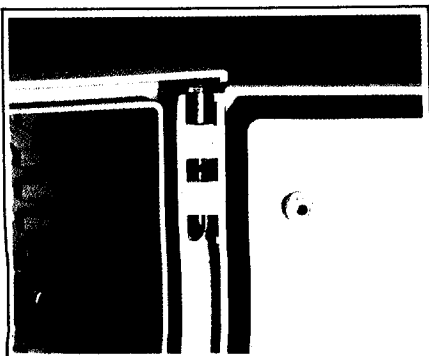
- Moulded visor for protection to **IP65.**
- Concealed stainless steel quick release hinges, giving a door opening in excess of 180°.
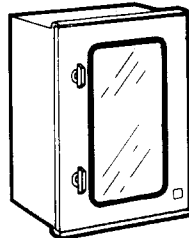
Type

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

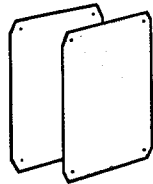### BASIC ENCLOSURE WITH WINDOW IN DOOR

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

Dimensions: transparent surface
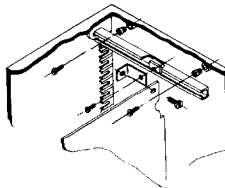**Reference**

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

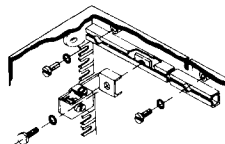### ADJUSTABLE MOUNTING PLATE

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

Reference
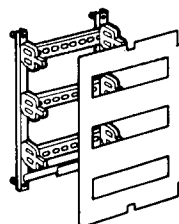**Package unit**

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

Total capacity of modules
Number of files
Reference
Package unit

	MINIPOL-325	MINIPOL-43	MINIPOL-44	MINIPOL-54	MINIPOL-64	MINIPOL-65	MINIPOL-86
	300 x 250 x140	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	-
	MIP-325	**MIP-43**	**MIP-44**	**MIP-54**	**MIP-64**	**MIP-65**	**MIP-86**
	200 x 95	280 x 140	280 x 220	380 x 220	480 x 220	480 x 320	680 x 420
	MIP-325PT	**MIP-43PT**	**MIP-44PT**	**MIP-54PT**	**MIP-64PT**	**MIP-65PT**	**MIP-86PT**
	268 x 213	358 x 260	358 x 360	458 x 360	558 x 360	558 x 460	754 x 556
	PBP-325	**PBP-43**	**PBP-44**	**PBP-54**	**PBP-64**	**PBP-65**	**PBP-86**
	PBM-325	**PBM-43**	**PBM-44**	**PBM-54**	**PBM-64**	**PBM-65**	-
	1	1	1	1	1	1	1
			PDP-200		**PDP-230**		**PDP-300**
			1		1		1
		PID-43	**PID-44**	**PID-54**	**PID-64**	**PID-65**	**PID-86**
		1	1	1	1	1	1
	10	24	36	54	72	96	
	1	2	2	3	4	4	
	MIP-325/1x10	**MIP-43/2x12**	**MIP-44/2x18**	**MIP-54/3x18**	**MIP-64/4x18**	**MIP-65/4x24**	
	5	5	5	5	5	5	
	20	36	54				
	2	3	3				
	MIP-325/2x10	**MIP-43/3x12**	**MIP-44/3x18**				
	5	5	5				

LOCKS & CATCHES

Interchangeable system of
loks and catches for all
models.
Standard supply:
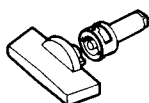DIN 3mm double bar
with removable handle.
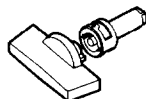
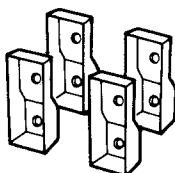| Description	DIN 3,0mm double bar	Triangular catch	Manual catch with key	Lock interlocking
Reference	PBD	PTT	PCM	PCC
Package unit	6	6	6	6
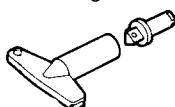
GENERAL ACESSORIES

TRIANGULAR KEY

CT   Triangular key Δ 11mm
for PTT catch.
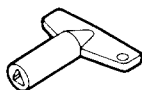
Package unit: 1

WALL BRACKETS

CT   Group of wall brackets
that allow the insertion
of wires and tubes
between the enclosure
and wall.

Package unit: 5

VENTILATION DEVICE

DV   Insulated ventilation
device for all
enclosures.

Package unit: 1

SCREW CLIP

Screws for rapid fixture
of material on a TELE-
QUICK Panel.

		Package unit
CLIP M4	M4 screw	100
CLIP M5	M5 screw	100
CLIP M6	M6 screw	100

CLAMP STRIPS

Normal supply in modular
chasis kits.

CAPACITY

		Package unit
DPT1	3 x 16mm^2 + 4 x 10mm^2	10
DPT2	4 x 16mm^2 + 9 x 10mm^2	10
DZ	Connector Strip 12 x 2mm	10
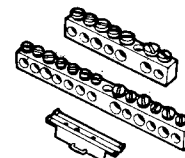
PLUGS

Plugs for modules not used
in the modular chassis.

		Package unit
OE1	For 1 module (17,5mm)	50
OE2	For 0,5 module (8,7mm)	50

DIMENSIONS mm

detail window in door
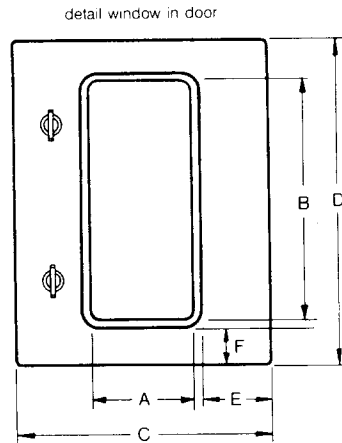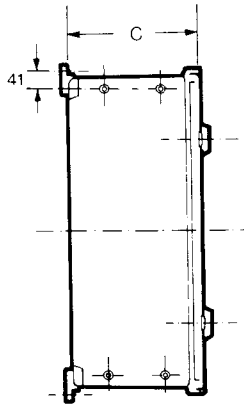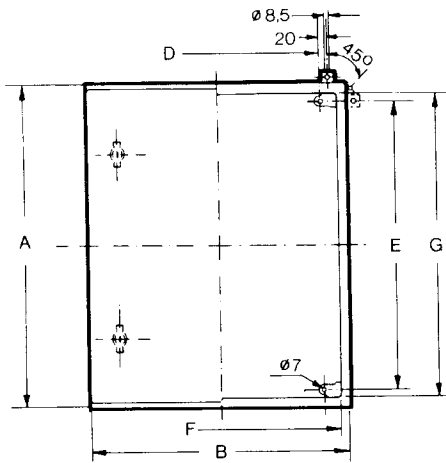
Type	A	B	C	D	E	F	G
MIP 325	300	250	140	175	248	212	276
MIP 43	400	300	200	222	338	262	370
MIP 44	400	400	200	322	338	362	370
MIP 54	500	400	200	322	438	362	470
MIP 64	600	400	230	322	538	362	570
MIP 65	600	500	230	422	538	462	570
MIP 86	800	600	300	518	734	562	770

Type	A	B	C	D	E	F
MIP 325 PT	95	200	250	290	85	45
MIP 43 PT	140	280	300	385	90	52
MIP 44 PT	220	280	400	385	90	52
MIP 54 PT	220	380	400	485	90	52
MIP 64 PT	220	480	400	585	90	52
MIP 65 PT	320	480	500	585	90	52
MIP 86 PT	420	680	600	785	90	52

APPLICATIONS

- Electrical systems
- General switchboards (Commercial Centres, Hospitals, etc.
- Chemical Industry (Corrosive atmospheres).
- Food Industry
- Housing developments

- Metallurgy
- Sports centres
- Standard equipment for companies
- Streetlighting control equipment
- Traffic control equipment
- Telephone networks