

Boxes and Enclosures in Polyester

polymel PLM / PLA

Boxes for Modular Distribution

DTUN / DHS



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POLYMER PLM

Polyester Enclosures

WALL MOUNTING POLYESTER ENCLOSURES

IP66 (EN 60529)



PLM-75



PLM-75/CME

Glass-fibre reinforced polyester cabinets, grey RAL-7032.

- One-piece monoblock body.
- Completely reversible.
- Designed for use both indoors and outdoors.
- Wide range of accessories allowing for their use in distribution, control and measurement panels for industrial and recreational installations.
- Inserts located at the front of the cabinet for fixing of distribution chassis and internal door.
- Self-extinguishing.
- Maximum working temperature ranges from -50 to 150 °C.
- Resistant to principal chemical and atmospheric agents.
- Corrosion resistant.
- Stable to ultra-violet rays.
- Prepared for double insulated boards in accordance with IEC 439-1 (EN 60439-1) standard.
- High resistance to mechanical impacts IK10 (20 J) in accordance with EN 50102.
- IP66 according to EN 60529.
- UL approval according to UL 50, grades Nema 4X and 12.

WALL MOUNTING POLYESTER ENCLOSURES

IP66 (EN 60529)

POLYMER PLM Polyester Enclosures

MODELS, DIMENSIONS AND REFERENCES

External dimensions (mm)			Plain door	Transparent door		Plain door	Transparent door	Plain door	Mounting plates				Depth adjustable support	Modular chassis	Internal door
Height (A)	Width (B)	Depth (C)	Standard lock		No. of locks	Three point lock with handle lock		With insulating mounting plates							
310	215	160	PLM-32*	PLM-32/KT*	1	-	-	PLM-32MB	•	•	•	•	-	-	-
308	255	160	PLM-3025	PLM-3025/KT	2	-	-	PLM-3025MB	•	•	•	•	-	•	•
430	330	200	PLM-43	PLM-43/KT	2	PLM-43/CME	PLM-43 KT/CME	PLM-43MB	•	•	•	•	•	•	•
530	430	200	PLM-54	PLM-54/KT	2	PLM-54/CME	PLM-54 KT/CME	PLM-54MB	•	•	•	•	•	•	•
647	436	250	PLM-64	PLM-64/KT	2	PLM-64/CME	PLM-64 KT/CME	PLM-64MB	•	•	•	•	•	•	•
747	536	300	PLM-75	PLM-75/KT	2	PLM-75/CME	PLM-75 KT/CME	PLM-75MB	•	•	•	•	•	•	•
847	636	300	PLM-86	PLM-86/KT	2	PLM-86/CME	PLM-86 KT/CME	PLM-86MB	•	•	•	•	•	•	•
1056	852	350	PLM-108 ⁽¹⁾	PLM-108KT ⁽¹⁾	1	-	-	PLM-108MB	•	•	•	•	•	•	•

* Model **PLM-32** in polycarbonate.

(1) 4-point locking system enclosure.

POLYMER PLM

Polyester Enclosures

WALL MOUNTING POLYESTER ENCLOSURES

IP66 (EN 60529)

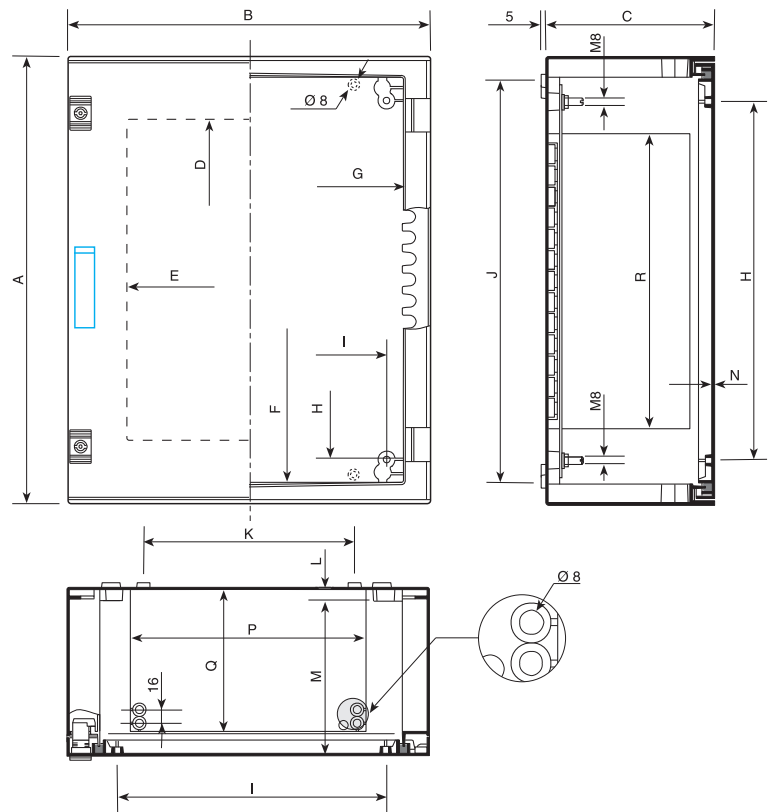
Dimensions (mm)

DIMENSIONS PLM-... ENCLOSURES (EXCEPTING PLM-3025)

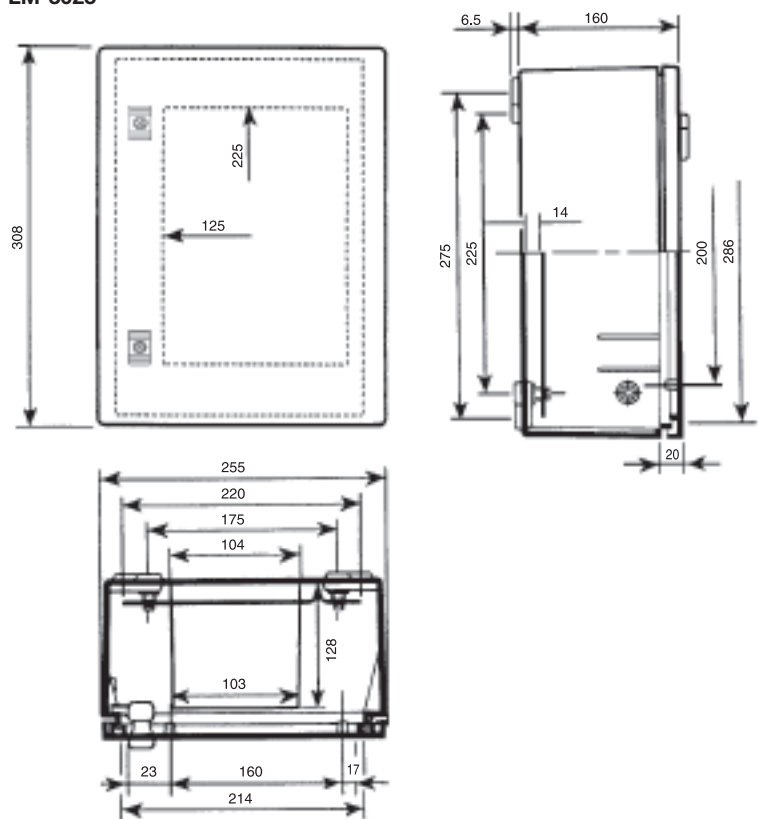
Reference PLM-...							
	32	43	54	64	75	86	108
A	310	430	530	647	747	847	1056
B	215	330	430	436	536	636	852
C	160	200	200	250	300	300	350
D	310	280	380	480	580	680	864
E	215	200	300	300	400	500	694
F	270	380	480	580	680	780	980
G	170	260	360	360	460	560	760
H	225	325	425	525	625	725	925
I	125	225	325	325	425	525	725
J	275	375	475	575	675	775	975
K	75	150	250	250	350	450	650
L	8	13	13	13	15	15	15
M	144	181	181	228	278	278	327
N	2.3	2.7	2.9	2.9	3	3	4
P	132	179	279	279	379	479	684
Q	129	168	168	212	261	261	304
R	186	247	347	388	487	587	776

■ Three point lock for enclosures **PLM-108**.

PLM-32...108



PLM-3025



Mounting plates



Metal



Insulating



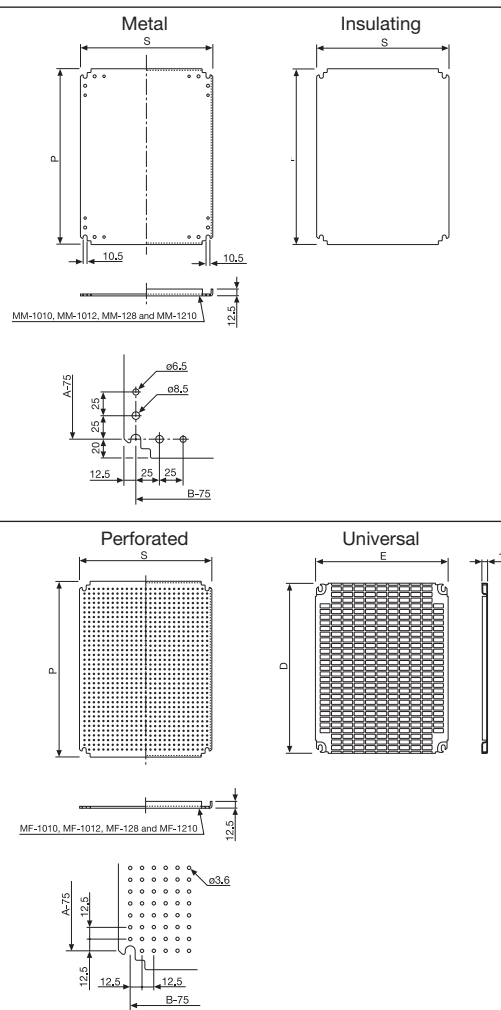
Perforated



Universal

A complete range of plates which can be directly fixed to the enclosure supports or to the depth adjustable supports provides the solution to this type of installation.

- Metal plates made of galvanized steel.
- Bakelite insulating plates.
- Galvanized steel mounting plates with 3.6 Ø drillings, 12.5 mm thread.
- Universal plates for quick fixing of equipment made of bichromated zinc-coated steel.



To fit to enclosures		Metal			Insulating			Perforated					Universal		
Height (A)	Width (B)	Reference	Thickness (mm)	Weight (kg)	Reference	Thickness (mm)	Weight (kg)	Reference	Thickness (mm)	Weight (kg)	P	S	Reference	D	E
250	200	MM-2520	2	0.4	MB-2520	4	0.13	MF-2520	2	0.3	215	150	-	-	-
300	250	MM-3025	2	0.6	MB-3025	4	0.2	MF-3025	2	0.5	265	200	MR-3025	253	228
300	300	MM-33	2	1.2	MB-33	4	0.3	MF-33	2	1.1	265	250	MR-33	255	251
300	400	MM-34	2	1.6	MB-34	4	0.5	MF-34	2	1.5	265	350	MR-34	255	351
400	300	MM-43	2	1.6	MB-43	4	0.5	MF-43	2	1.5	365	250	MR-43	348	251
400	400	MM-44	2	2.2	MB-44	4	0.7	MF-44	2	2.1	365	350	MR-44	345	351
400	600	MM-46	2	3.1	MB-46	4	1.1	MF-46	2	3	365	550	MR-46	345	551
500	400	MM-54	2	2.5	MB-54	4	0.9	MF-54	2	2.4	465	350	MR-54	450	351
500	500	MM-55	2	3.7	MB-55	4	1.2	MF-55	2	3.5	465	450	MR-55	450	451
600	400	MM-64	2	3.1	MB-64	4	1.1	MF-64	2	3	565	350	MR-64	555	351
600	500	MM-65	2	4	MB-65	4	1.4	MF-65	2	3.8	565	450	MR-65	555	451
600	600	MM-66	2	5.5	MB-66	4	1.7	MF-66	2	5.2	565	550	MR-66	555	551
600	800	MM-68	2.5	9.9	MB-68	4	2.3	MF-68	2.5	9.3	565	750	MR-68	555	751
700	500	MM-75	2	4.6	MB-75	4	1.7	MF-75	2	4.3	665	450	MR-75	645	451
800	600	MM-86	2.5	9.9	MB-86	4	2.3	MF-86	2.5	9	765	550	MR-86	750	551
800	800	MM-88	2.5	13.6	MB-88	5	4.5	MF-88	2.5	12	765	750	MR-88	750	751
800	1000	MM-810	2.5	16.9	MB-810	5	5.7	MF-810	2.5	16	765	950	MR-810	750	951
1000	600	MM-106	2.5	12.6	MB-106	5	4.2	MF-106	2.5	12	965	550	MR-106	945	551
1000	800	MM-108	2.5	16.9	MB-108	5	5.7	MF-108	2.5	16	965	750	MR-108	945	751
1000	1000	MM-1010	2.5	18.6	MB-1010	5	7.1	MF-1010	2.5	17	950	950	MR-1010	945	951
1000	1200	MM-1012	2.5	21.7	MB-1012	5	8.3	MF-1012	2.5	20	950	1150	MR-1012	945	1151
1200	800	MM-128	2.5	17.8	MB-128	5	6.8	MF-128	2.5	17	1150	750	MR-128	1145	751
1200	1000	MM-1210	2.5	21.7	MB-1210	5	8.3	MF-1210	2.5	20	1150	950	MR-1210	1145	951

POLYMER PLM

Polyester Enclosures

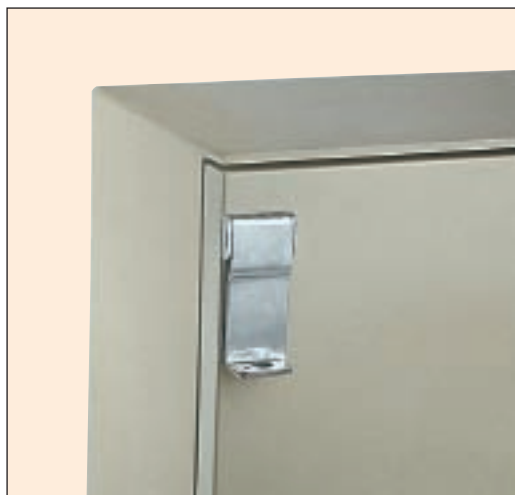
ACCESSORIES AND COMPLEMENTS

Locks for polyester enclosures

Locks



Double bar standard lock with stainless zinc alloy inserts, operated by **LDB 5** or **CDB/PLM** key.



OPTIONAL LOCK INSERTS TO TRANSFORM THE STANDARD LOCK (UP TO PLM-86)

Type	Key type		Reference
□ 6 mm square lock		LC-7	TC6/CRN
□ 7 mm square lock		LC-7	TC7/CRN
□ 8 mm square lock		LC-8	TC8/CRN
△ 6.5 mm triangular lock		LT-8	TT7/CRN
△ 8 mm triangular lock		LT-8	TT8/CRN
Wing key lock 405			TL/PLM
Wing key lock 220			TL220/PLM
Stainless steel padlock (up to PLM 86)			KPLM
Standard double bar lock			CDB/PLM
Double bar wing key			DBP

4 point locks



Double bar standard lock for the **PLM-108** model in the normal door or **KT** transparent door versions. Operation through **LDB 5** key (according to DIN 43668).

OPTIONAL LOCK INSERTS TO TRANSFORM THE STANDARD LOCK FOR PLM-108 ENCLOSURES

Type	Key type		Reference
□ 6 mm square lock		LC-7	TC6/PL
□ 7 mm square lock		LC-7	TC7/PL
□ 8 mm square lock		LC-8	TC8/PL
△ 7 mm triangular lock		LT-8	TT7/PL
△ 8 mm triangular lock		LT-8	TT8/PL
Padlock			BC/PL

Three point locks



Standard handle locks without insert in the **PLM... CME** model.

OPTIONAL LOCK INSERTS TO TRANSFORM THE STANDARD FLAT LOCK ON TO HANDLE LOCK FOR PLM-108

Type	Key type	Reference
Double bar lock	LDB 5	TEDB/PL
□ 6 mm square lock	LC-7	TEC6/PL
□ 7 mm square lock	LC-7	TEC7/PL
□ 8 mm square lock	LC-8	TEC8/PL
△ 7 mm triangular lock	LT-8	TET7/PL
△ 8 mm triangular lock	LT-8	TET8/PL
405 type key lock		TEL/PL
Reinforced lock with key		TER/PL
Lock with JIS type key		TEL-JIS/PL
Lock with FAC type key		TEL-FAC/PL
Handle for PLM-108		TEM/PL
Handle for key		TE/PL
Padlock		BCME/PL

LOCK INSERTS FOR PLM...CME ENCLOSURES

Type	Key type	Reference
Double bar lock	LDB 5	TDB/PLD
△ 8 mm triangular lock	LT-8	TT7/PLD
405 type key lock		TCL/PLD
Safety cylinder lock		TLR/PLD
JIS type key lock		TJIS/PLD
Padlock		BCME/PL
Push button lock		TEM/PLD
Handle for PLM-108		TEM/PL

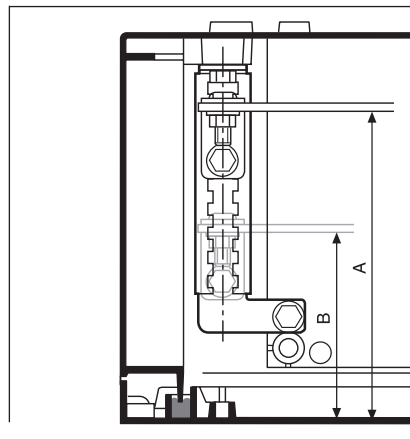
Depth adjustable supports



Supports designed to fit 200, 250, 300 and 350 mm deep enclosures. Self-positioning slots allowing for adjustment every 12.5 mm.

- Made of bichromated zinc coated steel.
- Quick fixing to the enclosure.

To fit to enclosures	Reference	Width	Width
PLM-43 and 54	DPLM-200	156	94
PLM-64	DPLM-250	200	100
PLM-75 and 86	DPLM-300N	250	100
PLM-108	DPLM-350	306	106



POLYMER PLM Polyester Enclosures

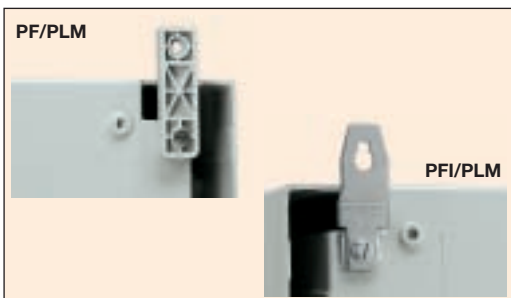
ACCESSORIES AND COMPLEMENTS

Wall mounting set

PFI/PLM



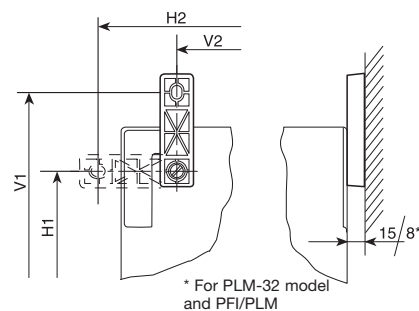
PF/PLM



Wall mounting can be made both directly (by drilling the enclosure back) or by the polyester fixing lugs **PF/PLM** or by the inox fixing lugs **PFI/PLM**. Fixing lugs are mounted from the back of the enclosure by using M8 inserts (included as standard). In **PLM-32** models are mounted by selftapping screws.

Fixing lugs can be mounting both vertically and horizontally.

PF/PLM



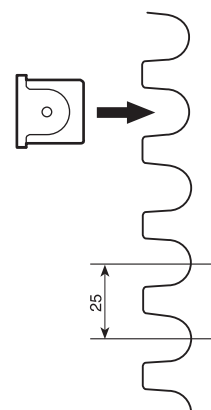
			Dimensions PF/PLM				Dimensions PFI/PLM			
Reference			Horizontal position		Vertical position		Horizontal position		Vertical position	
To fit to enclosures	Insulation	Stainless steel	Height (H1)	Width (H2)	Height (V1)	Width (V2)	Height (H1)	Width (H2)	Height (V1)	Width (V2)
PLM-32	PF/PLM-32	-	247	239	334	152	-	-	-	-
PLM-3025	PF/PLM	-	275	315	338	222	-	-	-	-
PLM-43	PF/PLM	PFI/PLM	355	360	490	225	355	294	424	225
PLM-54	PF/PLM	PFI/PLM	455	460	590	325	455	394	524	325
PLM-64	PF/PLM	PFI/PLM	555	465	690	330	555	399	624	330
PLM-75	PF/PLM	PFI/PLM	655	565	790	430	655	499	724	430
PLM-86	PF/PLM	PFI/PLM	755	665	890	530	755	599	824	530
PLM-108	PF/PLM	PFI/PLM	995	885	1090	750	995	819	1064	750

Rail fixing insert



Insert nut specially designed to fit to the back of the enclosure for quick fixing of 35 mm rails through self-tapping screws (supplied as standard) (ref. **TCO/PLM**) or for direct fixing to the enclosure back (ref. **TCO-M6 PLM**).
■ Made of insulating material.

Reference	Screw type
TCO/PLM	Self-tapping
TCO-M6/PLM	M6



35 mm symmetric rail



35 mm symmetrical rails for the support of switchgear, especially adapted to the width of the cabinets.
Fixing to the back of the enclosure by means of set **TCO/PLM**.

To fit to enclosures	Reference	Width
PLM-32	CO-200/PLM	180
PLM-43	CO-300/PLM	280
PLM-54 and 64	CO-400/PLM	380
PLM-75	CO-500/PLM	480
PLM-86	CO-600/PLM	580
PLM-108	CO-800/PLM	795

Air vents



To equalize external and internal temperatures and thus prevent condensation within the enclosure.
Can be fixed on the internal sides connected with the rear self-ventilating window, ref. **VM-35**, or externally refs. **VM-25** and **VM-27**.

Reference	Characteristics
VM-25 VM-27	For fitting externally to all polyester enclosures
VM-35	For fitting to POLYMEL inside enclosures



POLYMEL PLM

Polyester Enclosures

ACCESSORIES AND COMPLEMENTS

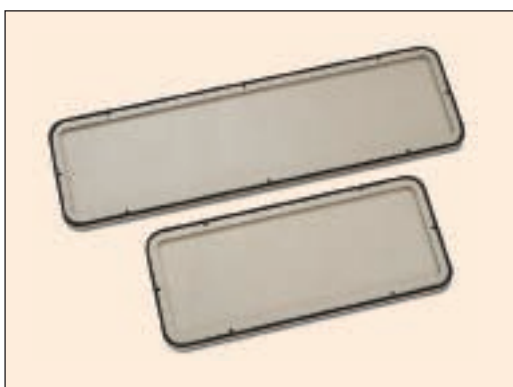
Draining device



To remove water from condensation. Fixed to the Ø 9 mm housing on the bottom of the enclosure. Protection degree IP55.

Reference	Characteristics
VEA-9	For fitting to all cabinets

Cable gland plate



Flat cable gland plates made of fully-gasketed polyester with fixing screws.

For fitting to enclosures	Reference
PLM-75/86/108	TLA-4420
PLM-108	TLA-6420

Pole fixing set



Allows the fixing of the enclosure to concrete, wooden or aluminium poles up to 675 mm in perimeter.

- For outside installations, building sites, public lighting panels...
- Stainless steel clamps and galvanized steel profiles.
- Fixing of profiles to the inserts on the back of the enclosure through M8 screws supplied as standard.
- Maximum weight recommended for the installation: 100 kg.

To fit to enclosures	Reference
PLM-43	SFP-300
PLM-54 and PLM-64	SFP-400
PLM-75	SFP-500
PLM-86	SFP-600

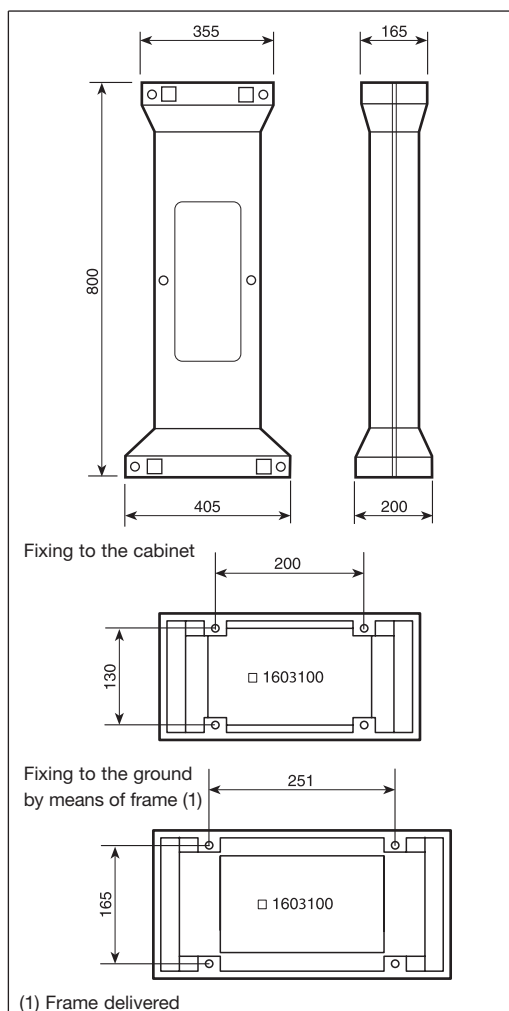
Supporting pole



For protection of incoming and outgoing cables whenever the enclosure must be kept off the ground: outside installations, camping sites, marinas... Made of fibre glass reinforced polyester.

- Steel frame for fixing to the ground.
- Easy fitting.
- High mechanical resistance.

To fit to enclosures	Reference
PLM-54 PLM-64	SFS/PLM



Doors



Door for replacement on PLM enclosures.

- Made of glass reinforced polyester to RAL-7032 grey.
- Maximum usable surface, plain door with grill for centreing of components.
- Door opening > 180°.

To fit to enclosures	Door	
	Blind	Transparent
PLM-3025	PUPLM-3025	KTPLM-3025
PLM-43	PUPLM-43	KTPLM-43
PLM-54	PUPLM-54	KTPLM-54
PLM-64	PUPLM-64	KTPLM-64
PLM-75	PUPLM-75	KTPLM-75
PLM-86	PUPLM-86	KTPLM-86
PLM-108	PUPLM-108	KTPLM-108

POLYMER PLM Polyester Enclosures

ACCESSORIES AND COMPLEMENTS

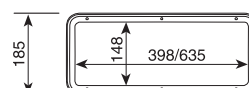
Coupling frame



For side to side joining of enclosures.

- Made of self-extinguishing fibre glass reinforced polyester.
- Gasket to maintain the IP66 rating provided.
- Fixing by means of screws included as standard supply.

To fit to enclosures	Type joining	Reference
PLM-75 and 86	lateral	BU/PLM
PLM-108	lateral	BU-108/PLM



Rubber grommets



Insulating rubber grommets to cover up the rear self-ventilating windows whenever total protection is required. Supplied optionally.

To fit to enclosures	Reference
PLM-32	CE-PLM/A
PLM-43 and 54	CE-PLM/B
PLM-64, 75 and 86	CE-PLM/C

Expansible nuts



Expansible metal nuts to be used in the holes prepared in enclosures.

Characteristics	To fit to enclosures	Reference
M5	PLM-43 and 54	TEX 5
M6	PLM-64 and 108	TEX 6
M8	For enclosure body	TEX 8



PLA 1253

PLA 12123

Hot-moulded reinforced polyester cabinets, grey RAL-7032.

Constructive characteristics

- Resistant to principal chemical agents and corrosive atmospheres.
- UV light stabilised.
- Reversible door, opening to 120°. Maximum permissible load: 30 kg/m².
- Door closure system outside the sealed zone. 2 closure points for enclosures up to 750 mm height, 4 closure points from 1000 mm height, with rod operating mechanism.
- Inside rear panel and side panels incorporate bosses for installation of M8 threaded inserts to facilitate direct attachment of mounting accessories.

Technical characteristics

- Conforms to general rules for empty enclosures established by standard EN 50298.
- IP65 according to IEC 529 (EN 60529).
- High degree of resistance to mechanical impacts IK10 (20J) according to EN 50102.
- Self-extinguishing according to IEC 695-2-1 (960°).
- Wide range of operating temperatures -50 to 150 °C.
- Suitable for double insulation assemblies according to standard IEC 439-1 (EN 60439-1).

Composition

- Fully closed enclosure.
- EPDM sealing gasket assures overall sealing to IP65.
- A smooth door, a glazed door or an anti-flyposting door can be fitted.
- Model **KT**: glazed door resistant to external mechanical impact IK8 (5J) conforming to EN 50102.
- Model **...R**: anti-flyposting door with on anti-forced entry system.
- 1 rear panel or 1 rear door.
- Reversible plain door with two hinges in cabinets up to 750 high and 4 in cabinets as from 1000 mm.
- Double bar lock operated by means of **LDB5**. Other transformations and handle locks available.
- Two-door cabinets include a central upright.

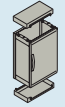
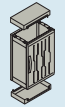
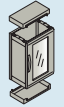
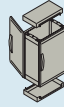
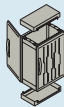
PLA

Polyester Cabinets

TOTALLY CLOSED POLYESTER CABINETS

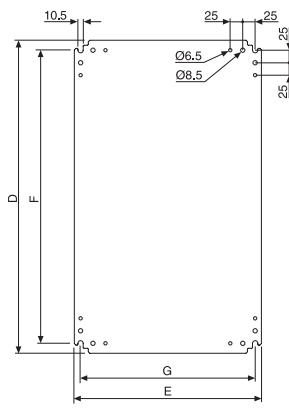
IP65 (EN 60529)

HOT-MOULDED REINFORCED POLYESTER CABINETS

Nominal dimensions (mm)									
Height	Width	Depth	No. doors						
500	500	320	1	PLA 553	PLA 553 R	PLA 553 KT	PLA 553 P	PLA 553 PR	PLA 553 PKT
		420	1	PLA 554	PLA 554 R	PLA 554 KT	PLA 554 P	PLA 554 PR	PLA 554 PKT
	750	320	1	PLA 573	PLA 573 R	PLA 573 KT	PLA 573 P	PLA 573 PR	PLA 573 PKT
		420	1	PLA 574	PLA 574 R	PLA 574 KT	PLA 574 P	PLA 574 PR	PLA 574 PKT
1000	320	2	2	PLA 5103	PLA 5103 R	PLA 5103 KT	PLA 5103 P	PLA 5103 PR	PLA 5103 PKT
		420	2	PLA 5104	PLA 5104 R	PLA 5104 KT	PLA 5104 P	PLA 5104 PR	PLA 5104 PKT
	1250	320	2	PLA 5123	PLA 5123 R	PLA 5123 KT	PLA 5123 P	PLA 5123 PR	PLA 5123 PKT
		420	2	PLA 5124	PLA 5124 R	PLA 5124 KT	PLA 5124 P	PLA 5124 PR	PLA 5124 PKT
750	500	320	1	PLA 753	PLA 753 R	PLA 753 KT	PLA 753 P	PLA 753 PR	PLA 753 PKT
		420	1	PLA 754	PLA 754 R	PLA 754 KT	PLA 754 P	PLA 754 PR	PLA 754 PKT
	750	320	1	PLA 773	PLA 773 R	PLA 773 KT	PLA 773 P	PLA 773 PR	PLA 773 PKT
		420	1	PLA 774	PLA 774 R	PLA 774 KT	PLA 774 P	PLA 774 PR	PLA 774 PKT
1000	320	2	2	PLA 7103	PLA 7103 R	PLA 7103 KT	PLA 7103 P	PLA 7103 PR	PLA 7103 PKT
		420	2	PLA 7104	PLA 7104 R	PLA 7104 KT	PLA 7104 P	PLA 7104 PR	PLA 7104 PKT
	1250	320	2	PLA 7123	PLA 7123 R	PLA 7123 KT	PLA 7123 P	PLA 7123 PR	PLA 7123 PKT
		420	2	PLA 7124	PLA 7124 R	PLA 7124 KT	PLA 7124 P	PLA 7124 PR	PLA 7124 PKT
1000	500	320	1	PLA 1053	PLA 1053 R	PLA 1053 KT	PLA 1053 P	PLA 1053 PR	PLA 1053 PKT
		420	1	PLA 1054	PLA 1054 R	PLA 1054 KT	PLA 1054 P	PLA 1054 PR	PLA 1054 PKT
	750	320	1	PLA 1073	PLA 1073 R	PLA 1073 KT	PLA 1073 P	PLA 1073 PR	PLA 1073 PKT
		420	1	PLA 1074	PLA 1074 R	PLA 1074 KT	PLA 1074 P	PLA 1074 PR	PLA 1074 PKT
1000	320	2	2	PLA 10103	PLA 10103 R	PLA 10103 KT	PLA 10103 P	PLA 10103 PR	PLA 10103 PKT
		420	2	PLA 10104	PLA 10104 R	PLA 10104 KT	PLA 10104 P	PLA 10104 PR	PLA 10104 PKT
	1250	320	2	PLA 10123	PLA 10123 R	PLA 10123 KT	PLA 10123 P	PLA 10123 PR	PLA 10123 PKT
		420	2	PLA 10124	PLA 10124 R	PLA 10124 KT	PLA 10124 P	PLA 10124 PR	PLA 10124 PKT
1250	500	320	1	PLA 1253	PLA 1253 R	PLA 1253 KT	PLA 1253 P	PLA 1253 PR	PLA 1253 PKT
		420	1	PLA 1254	PLA 1254 R	PLA 1254 KT	PLA 1254 P	PLA 1254 PR	PLA 1254 PKT
	750	320	1	PLA 1273	PLA 1273 R	PLA 1273 KT	PLA 1273 P	PLA 1273 PR	PLA 1273 PKT
		420	1	PLA 1274	PLA 1274 R	PLA 1274 KT	PLA 1274 P	PLA 1274 PR	PLA 1274 PKT
1000	320	2	2	PLA 12103	PLA 12103 R	PLA 12103 KT	PLA 12103 P	PLA 12103 PR	PLA 12103 PKT
		420	2	PLA 12104	PLA 12104 R	PLA 12104 KT	PLA 12104 P	PLA 12104 PR	PLA 12104 PKT
	1250	320	2	PLA 12123	PLA 12123 R	PLA 12123 KT	PLA 12123 P	PLA 12123 PR	PLA 12123 PKT
		420	2	PLA 12124	PLA 12124 R	PLA 12124 KT	PLA 12124 P	PLA 12124 PR	PLA 12124 PKT
1500	500	320	1	PLA 1553	PLA 1553 R	PLA 1553 KT	PLA 1553 P	PLA 1553 PR	PLA 1553 PKT
		420	1	PLA 1554	PLA 1554 R	PLA 1554 KT	PLA 1554 P	PLA 1554 PR	PLA 1554 PKT
	750	320	1	PLA 1573	PLA 1573 R	PLA 1573 KT	PLA 1573 P	PLA 1573 PR	PLA 1573 PKT
		420	1	PLA 1574	PLA 1574 R	PLA 1574 KT	PLA 1574 P	PLA 1574 PR	PLA 1574 PKT
1000	320	2	2	PLA 15103	PLA 15103 R	PLA 15103 KT	PLA 15103 P	PLA 15103 PR	PLA 15103 PKT
		420	2	PLA 15104	PLA 15104 R	PLA 15104 KT	PLA 15104 P	PLA 15104 PR	PLA 15104 PKT
	1250	320	2	PLA 15123	PLA 15123 R	PLA 15123 KT	PLA 15123 P	PLA 15123 PR	PLA 15123 PKT
		420	2	PLA 15124	PLA 15124 R	PLA 15124 KT	PLA 15124 P	PLA 15124 PR	PLA 15124 PKT

PLA Polyester Cabinets

■ Maximum load 150 kg/m².



Technical drawing of a mechanical part with dimensions:

- Top horizontal dimensions: 10.5, 25, 25
- Top right hole dimensions: $\varnothing 6.5$, $\varnothing 8.5$
- Bottom horizontal dimensions: 350, 150, H-87.5
- Bottom left hole dimension: 7.5
- Bottom center hole dimension: 100
- Overall bottom dimensions: 437.5, E, H

To fit to cabinets (1)			Mounting plate		Mounting plate for 2-door cabinets		Full mounting plate						
Height (A)	Width (B)	No. doors	Reference	Fig. no.	Reference	Fig. no.	D	E	F	G	H	e	(kg)
500	500	1	PMM 55	1	-	-	390	375	350	350	-	2	2.5
500	750	1	PMM 75	1	-	-	640	375	600	350	-	2	3.8
500	1000	2	PMM 510	2	PMM 55 + PMM 55	1	390	875	350	-	437.5	2.5	6.3
500	1250	2	-	-	PMM 55 + PMM 75	1	-	-	-	-	-	-	-
750	500	1	PMM 75	1	-	-	640	375	600	350	-	2	3.8
750	750	1	PMM 77	1	-	-	640	625	600	600	-	2.5	7.8
750	1000	2	PMM 710	2	PMM 75 + PMM 75	1	640	875	600	-	437.5	2.5	10.6
750	1250	2	PMM 712	2	PMM 75 + PMM 77	1	640	1125	600	-	687.5	2.5	17.6
1000	500	1	PMM 105	1	-	-	890	375	850	350	-	2.5	6.5
1000	750	1	PMM 107	1	-	-	890	625	850	600	-	2.5	10.8
1000	1000	2	PMM 1010	2	PMM 105 + PMM 105	1	875	875	850	-	437.5	2.5	15
1000	1250	2	PMM 1012	2	PMM 105 + PMM 107	1	875	1125	850	-	687.5	2.5	19.3
1250	500	1	PMM 125	1	-	-	1125	375	1100	350	-	2.5	8.6
1250	750	1	PMM 127	1	-	-	1125	625	1100	600	-	2.5	14.2
1250	1000	2	PMM 1210	2	PMM 125 + PMM 125	1	1125	875	1100	-	437.5	2.5	19.4
1250	1250	2	PMM 1212	2	PMM 125 + PMM 127	1	1125	1125	1100	-	687.5	2.5	24.9
1500	500	1	PMM 155	1	-	-	1375	375	1350	350	-	2.5	10.6
1500	750	1	PMM 157	1	-	-	1375	625	1350	600	-	2.5	17.3
1500	1000	2	PMM 1510	2	PMM 155 + PMM 155	1	1375	875	1350	-	437.5	2.5	23.8
1500	1250	2	PMM 1512	2	PMM 155 + PMM 157	1	1375	1125	1350	-	687.5	2.5	30.5

14

PLA Polyester Cabinets

BASIC COMPONENTS

Insulating mounting plates



Made of bakelite to black RAL-9005 (ref.: **PMB..**) or of polyester to grey RAL-7032 (ref.: **PMA..**).

Fit directly to the back of the cabinets on the depth adjustable supports.

On 2-door cabinets, a full or 2 partial plates can be fitted (see chart).

Cabinets as from 1000 mm high are provided with bosses in the middle for fitting **PMB** plates shorter than the nominal height of the cabinet (see note (1) below). In such case, inserts ref.: **TEX 8** must be ordered separately.

■ Maximum load 150 kg/m².

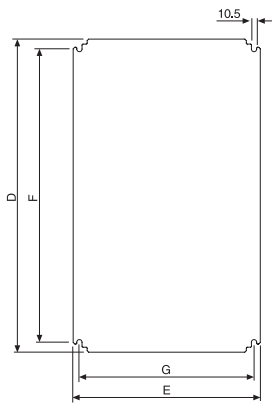


FIG. 1

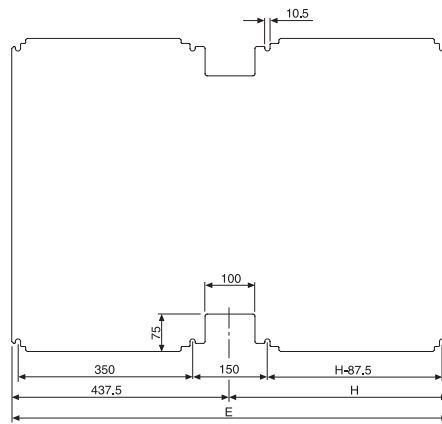
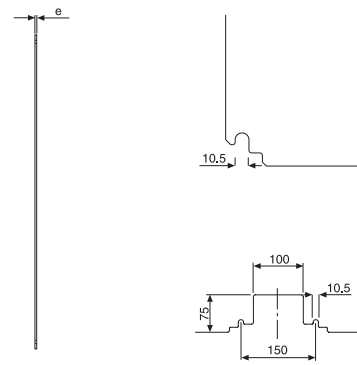


FIG. 2

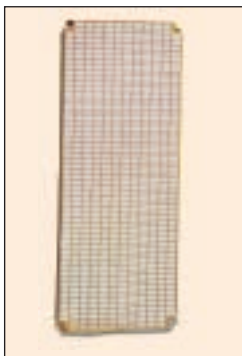


To fit to cabinets (1)			Mounting plate		Mounting plate for 2-door cabinets		Full mounting plate						
Height (A)	Width (B)	No. doors	Reference (2)	Fig. no.	Reference (2)	Fig. no.	D	E	F	G	H	e	(kg)
500	500	1	PM.. 55	1	-	-	390	375	350	350	-	4	0.9
500	750	1	PM.. 75	1	-	-	640	375	600	350	-	4	1.3
500	1000	2	PM.. 510	2	PM.. 55 + PM.. 55	1	390	875	350	-	437.5	5	2.4
500	1250	2	-	-	PM.. 55 + PM.. 75	1	-	-	-	-	-	-	-
750	500	1	PM.. 75	1	-	-	640	375	600	350	-	4	1.3
750	750	1	PM.. 77	1	-	-	640	625	600	600	-	5	2.8
750	1000	2	PM.. 710	2	PM.. 75 + PM.. 75	1	640	875	600	-	437.5	5	3.9
750	1250	2	PM.. 712	2	PM.. 75 + PM.. 77	1	640	1125	600	-	687.5	5	5
1000	500	1	PM.. 105	1	-	-	890	375	850	350	-	5	2.3
1000	750	1	PM.. 107	1	-	-	890	625	850	600	-	5	3.9
1000	1000	2	PM.. 1010	2	PM.. 105 + PM.. 105	1	890	875	850	-	437.5	5	5.5
1000	1250	2	PM.. 1012	2	PM.. 105 + PM.. 107	1	890	1125	850	-	687.5	5	7.1
1250	500	1	PM.. 125	1	-	-	1140	375	1100	350	-	5	3
1250	750	1	PM.. 127	1	-	-	1140	625	1100	600	-	5	5
1250	1000	2	PM.. 1210	2	PM.. 125 + PM.. 125	1	1140	875	1100	-	437.5	5	7
1250	1250	2	PM.. 1212	2	PM.. 125 + PM.. 127	1	1140	1125	1100	-	687.5	5	9
1500	500	1	PM.. 155	1	-	-	1390	375	1350	350	-	5	3.7
1500	750	1	PM.. 157	1	-	-	1390	625	1350	600	-	5	6.1
1500	1000	2	PM.. 1510	2	PM.. 155 + PM.. 155	1	1390	875	1350	-	437.5	5	8.6
1500	1250	2	PM.. 1512	2	PM.. 155 + PM.. 157	1	1390	1125	1350	-	687.5	5	11

(1) Cabinets 1000, 1250 and 1500 mm high allow the following partial mounting plates; 2 PM... 500 mm high; 1 × 500 + 1 × 750 or 2 × 750 mm high respectively, all fixed to the back of the cabinet.

(2) **PMA**: polyester, **PMB**: bakelite.

Universal mounting plates

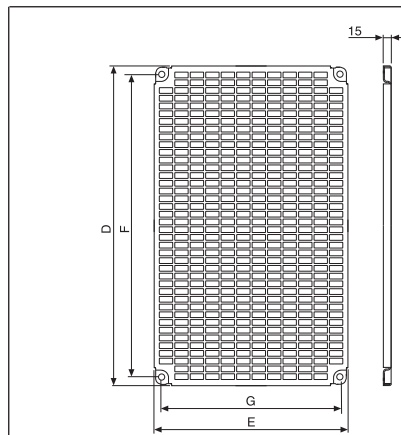


Specially designed for quick fixing of equipment through nuts **TFP**. Made of bichromated zinc steel. Fit directly to the back of the cabinets on the depth adjustable supports.

On 2-door cabinets, a full or 2 partial plates can be fitted (see chart).

Cabinets as from 1000 mm high are provided with bosses in the middle for fitting **PMR** plates shorter than the nominal height of the cabinet (see note (1) below). In such case, inserts ref.: **TEX 8** must be ordered separately.

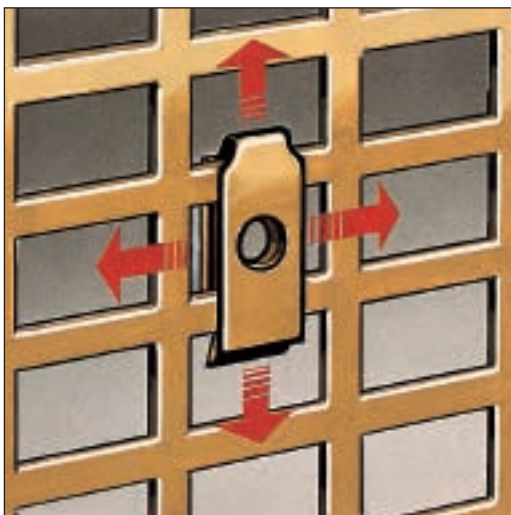
■ Maximum load 150 kg/m².



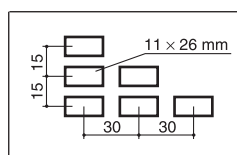
To fit to cabinets (1)			Mounting plate	Mounting plate for 2-door cabinets	Full mounting plate					
Heigh (A)	Width (B)	No. doors	Reference	Reference	D	E	F	G	Thickness (mm)	Weight (kg)
500	500	1	PMR 55	-	370	376	350	350	2	1.1
500	750	1	PMR 57	-	370	626	350	600	2	1.7
500	1000	2	-	PMR 55 + PMR 55	370	376/376	350	350/350	2	-
500	1250	2	-	PMR 55 + PMR 57	370	376/626	350	350/600	2	-
750	500	1	PMR 75	-	620	376	600	350	2	1.7
750	750	1	PMR 77	-	620	626	600	600	2	2.7
750	1000	2	-	PMR 75 + PMR 75	620	376/376	350	350/350	2	-
750	1250	2	-	PMR 75 + PMR 77	620	376/626	350	350/600	2	-
1000	500	1	PMR 105	-	870	376	850	350	2	2.1
1000	750	1	PMR 107	-	870	626	850	600	2	4.1
1000	1000	2	-	PMR 105 + PMR 105	870	376/376	850	350/350	2	-
1000	1250	2	-	PMR 105 + PMR 107	870	376/626	850	350/600	2	-
1250	500	1	PMR 125	-	1120	376	1100	350	2	3.3
1250	750	1	PMR 127	-	1120	626	1100	600	2	4.8
1250	1000	2	-	PMR 125 + PMR 125	1120	376/376	1100	350/350	2	-
1250	1250	2	-	PMR 125 + PMR 127	1120	376/626	1100	350/600	2	-
1500	500	1	PMR 155	-	1370	376	1350	350	2	4.2
1500	750	1	PMR 157	-	1370	626	1350	600	2	6.3
1500	1000	2	-	PMR 155 + PMR 155	1370	376/626	1350	350/350	2	-
1500	1250	2	-	PMR 155 + PMR 157	1370	376/626	1350	350/600	2	-

(1) Cabinets 1000, 1250 and 1500 mm high allow the following partial boards: 2 **PMR** (500); 1 × 500 + 1 × 750 or 2 × 750 mm + height (respectively), all fixed to the back of the cabinet.

Fixing accessories for universal plates



Detail of **PMR** plate with **TFP** nut. The layout of the holes allow for all fixing centres.



FIXING ACCESSORIES FOR UNIVERSAL PLATES

Metric size	Fixing nut		Fixing screw and washer		
		Pack quantity		Length (mm)	Pack quantity
M3	TFP 3	100	-	-	-
M4	TFP 4	100	TOR 10/4 A	10	100
			TOR 16/4 A	16	100
M5	TFP 5	100	TOR 12/5 A	12	100
			TOR 18/5 A	18	100
M6	TFP 6	100	TOR 12/6 A	12	100
			TOR 18/6 A	18	100

PLA Polyester Cabinets

BASIC COMPONENTS

Mounting plate depth adjustable supports



- Allow for depth adjustment of **PMM**, **PMB** and **PMR** mountings plates in any cabinet.
- Set of 4 sliding supports mounted on an aluminium guide with 25 mm pitch.

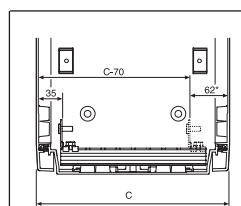
To fit to cabinets		For cabinets	
Depth (C)	No. doors	PLA...	PLAZ...
320	1	DPLA 320	DPLA 320 + PTZ 320
420	1	DPLA 420	DPLA 420 + PTZ 420
320	2	(2×) DPLA 320*	(2×) DPLA 320* + PTZ 320/2P
420	2	(2×) DPLA 420*	(2×) DPLA 420* + PTZ 420/2P

* For 2 door cabinets 2 **DPLA** sets need to be ordered to fit one mounting plate or 2 partial ones.

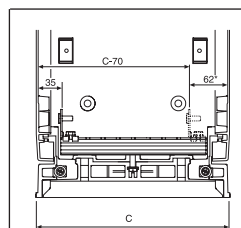


Detail of **DPLA** mounting plate support on a closed bottom cabinet.

- On models with closed bottom **PLA** supports can be fitted directly.



- On models with open plinth bottom a set of **PTZ** plates must be ordered as well as the **DPLA** supports.



* On **KT** glazed door cabinets 5 mm less.



- On models with two doors, two sets of **DPLA** supports and a set of **PTZ.../2P** plates on models with open plinth bottom.



Open plinth bottom 2 door **PLAZ...** cabinet with mounting plate on depth adjustable supports **DPLA** and adapting plates **PTZ**.

Set of brackets for additional mounting plate



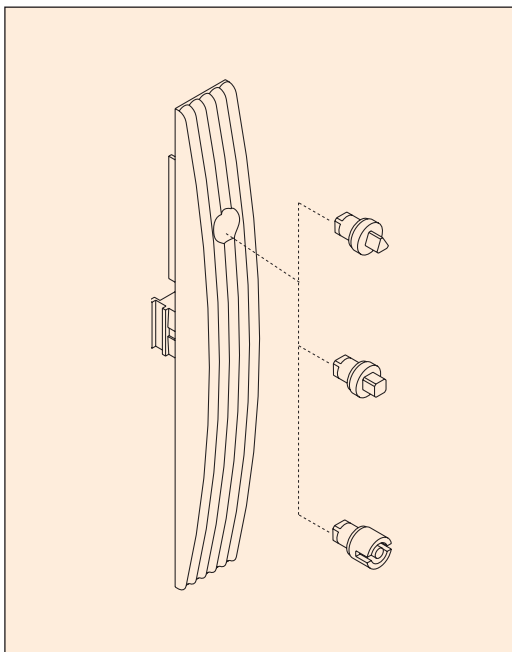
Set of 4 sliding brackets for fixing of an additional mounting plate.
Ref.: **EDPLA**.

Detail of **DPLA** supports with ref.: **EDPLA** brackets allowing fixing of an additional mounting plate (back to back) or for instance cabinets with back door.

Standard lock for closed top cabinets



5 mm double bar lock with **LDB5** key, supplied as standard.



Set of key lock transformation (without handle).
Ref.: **EB/PLA**.

TRANSFORMATIONS FROM STANDARD LOCK TO OTHER VERSIONS

Characteristics	Insert type	Key type	Reference
6,5 mm triangular lock with LT6,5 key.			TT6/CRN
7 mm triangular lock with LT8 key.			TT7/CRN
8 mm triangular lock with LT8 key.			TT8/CRN
6 mm square lock with LC7 key.			TC6/CRN
7 mm square lock with LC7 key.			TC7/CRN
8 mm square lock with LC8 key.			TC8/CRN
Double bar lock with LDB5 key supplied as standard.			TDB/PLA
Padlock.			BC/PLA

TRANSFORMATION TO HANDLE LOCK

Characteristics	Lock type	Reference
Set of key lock with handle.*		EBM/PLA*

* To obtain the complete lock, **T.../OLN** or **T.../PLA** inserts must be ordered separately as well as **EBM/PLA**.

PLA Polyester Cabinets

ACCESSORIES AND COMPLEMENTS

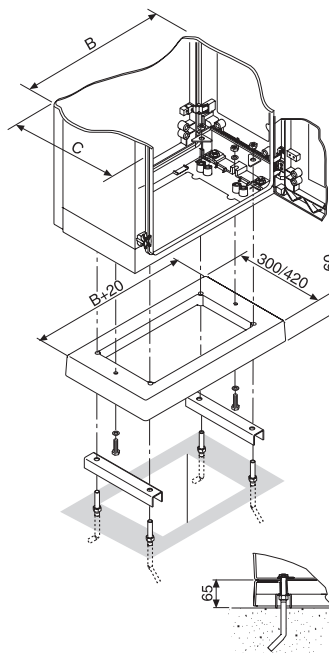
Bases



Prepared to fit closed bottom models ref.: **PLA...**

Made of glass reinforced polyester.

- Colour to RAL-7032.
- Self-extinguishing, great resistance to impact and temperature.
- Double insulation, excellent outdoor resistance.



To fit to cabinets			
Width (B)	Depth (C)	No. doors	Reference
500	320	1	ZNPLA 53
750	320	1	ZNPLA 73
1000	320	2	ZNPLA 103
1250	320	2	ZNPLA 123
500	420	1	ZNPLA 54
750	420	1	ZNPLA 74
1000	420	2	ZNPLA 104
1250	420	2	ZNPLA 124

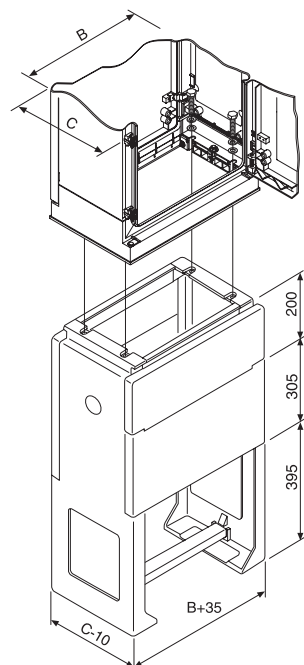
Plinths



Prepared to fit open bottom models ref.: **PLAZ...**

Made of glass reinforced polyester.

- Colour to RAL-7032.
- Self-extinguishing, great resistance to impact and temperature.
- Double insulation, excellent outdoor resistance.
- 200 mm front accessible from the inside.
- Front fix panel 305 mm high for partial or full root burying.
- Fixing profile for incoming cables.
- Sides with prepunched **PG-36** inlet.



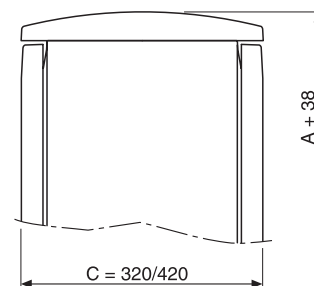
To fit to cabinets			
Width (B)	Depth (C)	No. doors	Reference
500	320	1	ZHPLA 53
750	320	1	ZHPLA 73
1000	320	2	ZHPLA 103
1250	320	2	ZHPLA 123
500	420	1	ZHPLA 54
750	420	1	ZHPLA 74
1000	420	2	ZHPLA 104
1250	420	2	ZHPLA 124

Canopies



Made of glass reinforced polyester.

- Colour to RAL-7032.
- Self-extinguishing, great resistance to impact and temperature.
- Double insulation, excellent outdoor resistance.
- Increase total nominal height by 38 mm.



To fit to cabinets			
Width (B)	Depth (C)	No. doors	Reference
500	320	1	TJPLA 53
750	320	1	TJPLA 73
1000	320	2	TJPLA 103
1250	320	2	TJPLA 123
500	420	1	TJPLA 54
750	420	1	TJPLA 74
1000	420	2	TJPLA 104
1250	420	2	TJPLA 124

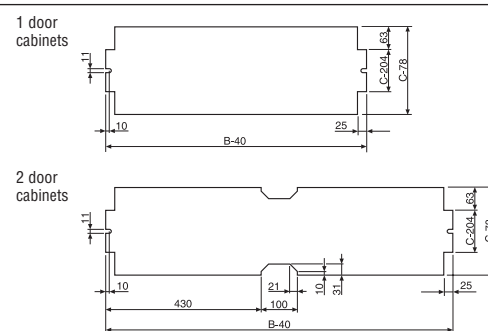
Cable gland plate



Prepared to fit open plinth bottom ref.: **PLAZ...**

Made of glass reinforced polyester.

- Colour to RAL-7032.
- Self-extinguishing, great resistance to impact and temperature.
- Easy machining.



To fit to cabinets			
Width (B)	Depth (C)	No. doors	Reference
500	320	1	ECPLAZ 53
750	320	1	ECPLAZ 73
1000	320	2	ECPLAZ 103
1250	320	2	ECPLAZ 123
500	420	1	ECPLAZ 54
750	420	1	ECPLAZ 74
1000	420	2	ECPLAZ 104
1250	420	2	ECPLAZ 124

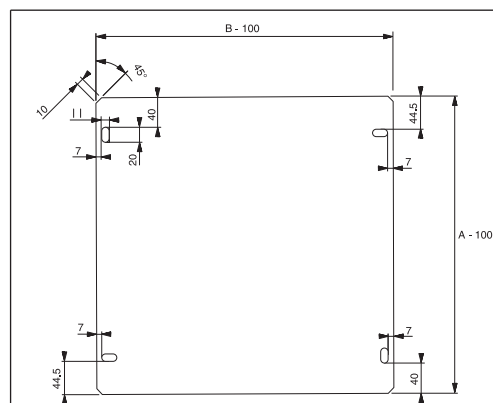
PLA Polyester Cabinets

ACCESSORIES AND COMPLEMENTS

Side mounting plates

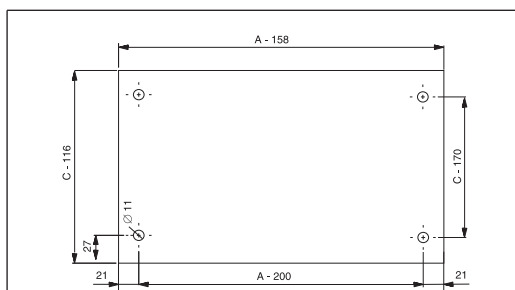


Polyester mounting plates to fit on **PLA** enclosures side. Inserts ref. **TEX 8** must be ordered separately.



To fit to cabinets		Reference
Height	Depth	
500	320	PMLA 53
500	420	PMLA 54
750	320	PMLA 73
750	420	PMLA 74
1000	320	PMLA 103
1000	420	PMLA 104
1250	320	PMLA 123
1250	420	PMLA 124

Transparent protecting covers



Made of transparent polycarbonate, 4 mm thick. Fixing lugs **SPTR 77** not included (to be ordered separately).

To fit to cabinets		Reference
Height	Width	
500	500	PPTR 55
500	750	PPTR 57
750	500	PPTR 75
750	750	PPTR 77

Fixing lugs for protecting cover



Set of fixing lugs for transparent protecting covers, **PPTR**.

Reference	Application
SPTR 77	PPTR 55/57/75/77

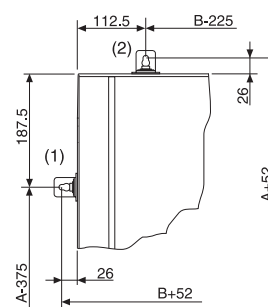
Wall fixing brackets



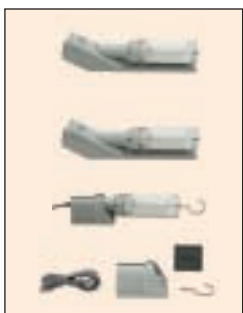
Set of 4 brackets in passivated zinc chromed steel.

- Horizontal fixing (1) to the sides on all cabinets.
- Possibility to fix vertically (2): at the top on models without canopy at the bottom on closed bottom models.

- Maximum load 150 kg/m².
Ref.: **FMPLA**.



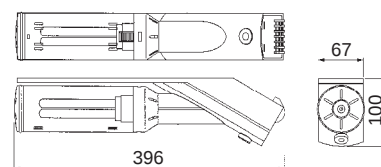
Lighting



Lighting specially designed for use in electrical enclosures with various types of fixing and switching.

- Electronic low consumption lamp E27, 20 W, 220-240 V/ 50-60 Hz.
- Output equivalent to a 100 W bulb.
- Connection through terminal block on fixed models or cord on portable model.
- IP20 rating.
- Type II insulation.

- According to standards EN 55014 and EN 50082-1.



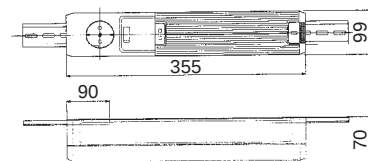
Characteristics	Fixing	Fig.	Reference
Proximity switch operated	Magnetic, screws and or DIN 35 rail (1)	1	LAMPD
ON-OFF switch with optional door switch	Magnetic, screws and or DIN 35 rail (1)	2	LAMIN
Portable lamp, cord connection	Adhesive or screws	3	LAMPO
Lamp support for LAMPD , LAMIN , LAMPO	Adhesive or screws	4	SOLAM



Compact neon lamp with switch and socket.

- Current rating 220 V/ 50 Hz, or 120 V/60 Hz.

- Quick attachment using magnetic plate or DIN rail mounting.



Reference	Characteristics	Current	Current outlet
LAM 75	Magnetic or DIN rail mounting	220 V/50 Hz	220 V/16 A
LAC 75	DIN rail mounting	220 V/50 Hz	220 V/16 A
LAM 75/120	Magnetic or DIN rail mounting	120 V/60 Hz	120 V/15 A
LAC 75/120	DIN rail mounting	120 V/60 Hz	120 V/15 A

Door switch



Assembly comprising: contact block, fixing bracket and fixings, to fit directly on **PLA** cabinets.

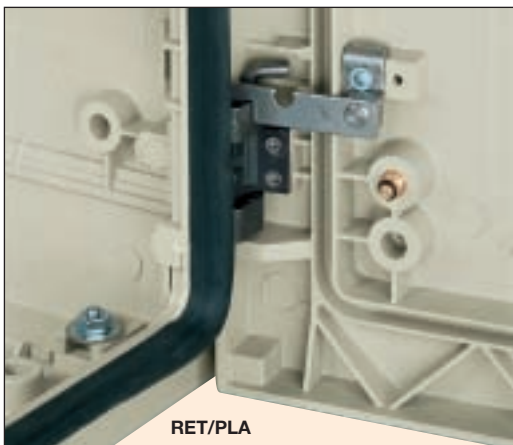
- Possible to connect to lighting, thermal control devices, etc.

Characteristics	Reference
10 A door switch	INL/PLA

PLA Polyester Cabinets

ACCESSORIES AND COMPLEMENTS

Door retainer



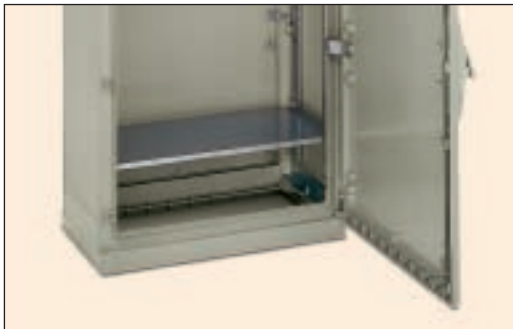
Designed for direct attachment to enclosure.

- Suitable for use with both left and right-hand opening doors.
- Opening degree 105 - 110°.



To fit to cabinets	Reference
Closed bottom ref.: PLA...	RET/PLA
Open plinth bottom ref.: PLAZ...	RET/PLAZ

Supporting tray



Designed for attachment of equipment or as a simple partition. For fitting in 1 door enclosures only.

Attaches directly to base section of enclosure. For other positions, use 2 pairs of suitable height uprights (to be ordered separately) for mounting one or more horizontal chassis. Using the uprights enables height adjustment on 200 mm pitch.

Material: zinc plated steel.

Fixings for attachment included.

Maximum load:

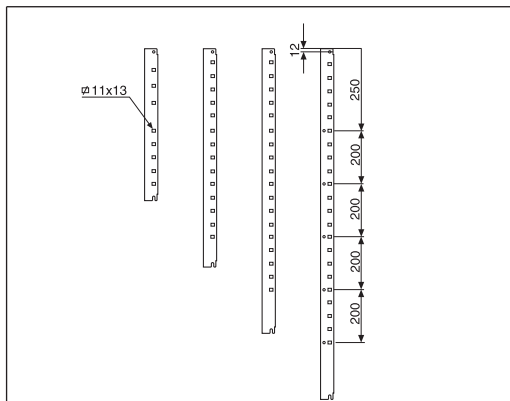
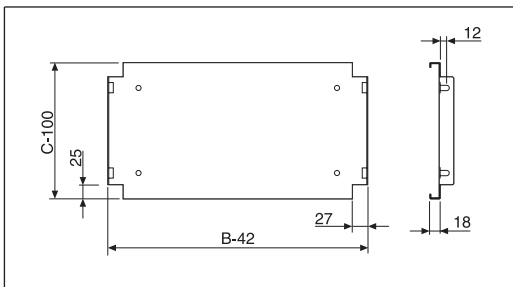
Depth 320 60 kg.

Depth 420 50 kg.

To fit to cabinets (1)			Reference	
Height (A)	Width (B)	Depth (C)	Tray	Uprights *
500	500	320	BANPLA 53	-
500	750	320	BANPLA 73	-
750	500	320	BANPLA 53	2 × SPLA 75
750	750	320	BANPLA 73	2 × SPLA 75
1000	500	320	BANPLA 53	2 × SPLA 100
1000	750	320	BANPLA 73	2 × SPLA 100
1250	500	320	BANPLA 53	2 × SPLA 125
1250	750	320	BANPLA 73	2 × SPLA 125
1500	500	320	BANPLA 53	2 × SPLA 150
1500	750	320	BANPLA 73	2 × SPLA 150
500	500	420	BANPLA 54	-
500	750	420	BANPLA 74	-
750	500	420	BANPLA 54	2 × SPLA 75
750	750	420	BANPLA 74	2 × SPLA 75
1000	500	420	BANPLA 54	2 × SPLA 100
1000	750	420	BANPLA 74	2 × SPLA 100
1250	500	420	BANPLA 54	2 × SPLA 125
1250	750	420	BANPLA 74	2 × SPLA 125
1500	500	420	BANPLA 54	2 × SPLA 150
1500	750	420	BANPLA 74	2 × SPLA 150

* For placing the tray at intermediate levels.

(1) For 1250 mm width cabinets, the trays can be fitted through **SBPLA** supports.



IP40 (EN 60529)



Flush and surface mounting insulating enclosures for distribution with DIN rail and door fitted, 4, 8, 12, 24 and 36 modules.

- IP rating 40. Double insulation, made of self-extinguishing plastic.
- Roomy inside to facilitate assembly and wiring.
- White RAL-9010, with opaque doors in the same colour, or transparent smoky polycarbonate.

- The lid can be adjusted to the backplate to avoid horizontal assembly errors.
- Reversible door-opening, and door opening degree adjustable up to 180°.
- Neutral-earth terminals can be fitted.
- 4-module model with sealing kit.

MODELS, SIZES AND REFERENCES

		Flush mounting models						Surface mounting models					
No. of rows	Max. no. of modules (18 mm)	External dimensions (mm)			Fig. no.	Ref. with opaque door	Ref. with transparent door	External dimensions (mm)			Fig. no.	Ref. with opaque door	Ref. with transparent door
		Height (A)	Width (B)	Depth (C)				Height (A)	Width (B)	Depth (C)			
1	4	170	145	93	1	AEP 4/N	AEP 4/N PT	170	145	95	1	ASP 4/N	ASP 4N/PT
1	8	170	215	93	1	AEP 8/N	AEP 8/N PT	170	215	95	1	ASP 8/N	ASP 8N/PT
1	12	185	285	93	1	AEP 12/N	AEP 12/N PT	170	285	95	1	ASP 12/N	ASP 12N/PT
2	24	470	360	105	2	AEP 24/N	AEP 24/N PT	325	255	100	2	ASP 24/N	ASP 24N/PT
3	36	600	360	105	3	AEP 36/N	AEP 36/N PT	450	255	100	3	ASP 36/N	ASP 36N/PT

Dimensions (mm)

FIG. 1

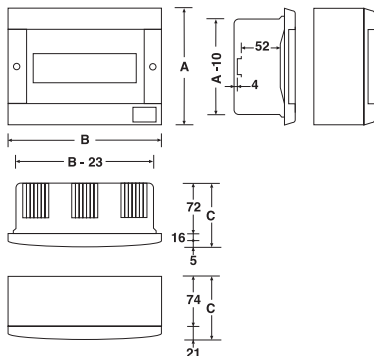


FIG. 2

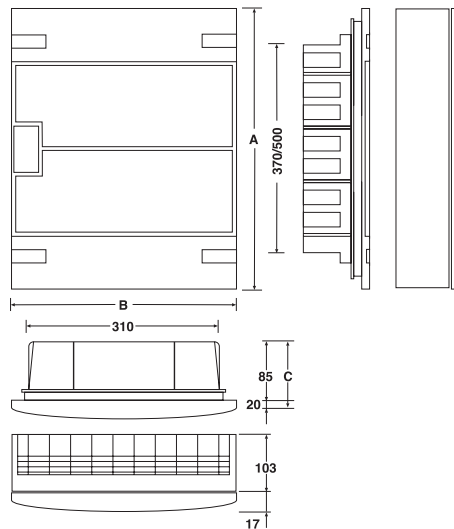
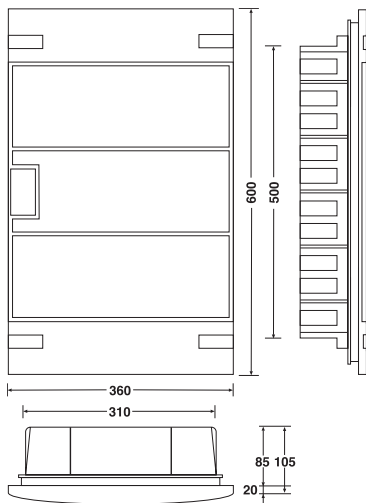
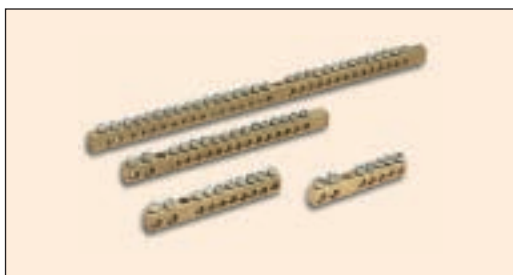


FIG. 3



Terminals

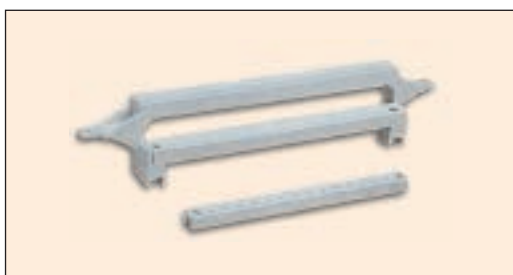


Earth and neutral terminals. For fitting in insulating back boards with insulating back, models **AEP 4**, **AEP 8** and **AEP 12**.

For other models, you should mount the terminal support **PRE** or **PRH**.

No. of terminals × cross-section mm ²	Reference
$2 \times 16 \text{ mm}^2 + 5 \times 6 \text{ mm}^2$	RBL/21656M
$2 \times 16 \text{ mm}^2 + 8 \times 6 \text{ mm}^2$	RBL/21686M
$2 \times 16 \text{ mm}^2 + 14 \times 6 \text{ mm}^2$	RBL/216146M
$2 \times 16 \text{ mm}^2 + 29 \times 6 \text{ mm}^2$	RBL/216296M

Terminal supports



to fit earth-neutral terminals **RBL** to the enclosures as per table. Made of polycarbonate (960°).

To fit to enclosures	Reference
AEP 24/N, AEP 36/N	PRE 36
ASP 4/N	PRE 4
ASP 8/N	PRE 8
ASP 12/N - ASP 24/N - ASP 36/N	PRE 12



Weatherproof mini-enclosures for modular switchgear, economic and compact.

Technical data:

- Self-extinguishing insulating material, flame and abnormal heat resistance: 650 °C as per IEC 60695-2-1.
- Operating temperature: -25 to +60 °C.
- Colour: light grey RAL-7035 and semi-transparent door.
- IP65 as per IEC 60259.
- IK09 as per EN 50102.
- Class 2: total insulation.
- Complies with standard IEC 60439-3.
- Resistance to chemicals and atmospheric agents.

Constructive characteristics:

- Clip-on terminal block support.
- Possibility of coupling two enclosures while maintaining IP65 and allowing the cable passage.
- Back with PG and ISO concentric knock-outs.
- Optional keylock available for further security.
- Possibility of seal the front face.

Delivered with:

- Marking kit.
- Caps for class 2 isolation.

MODELS, SIZES AND REFERENCES

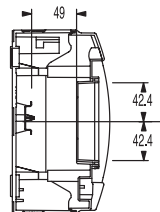
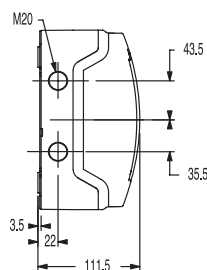
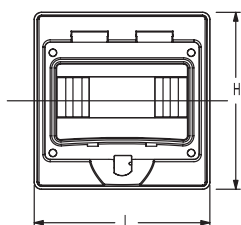
External dimensions (mm)						
Height (A)	Width (B)	Depth (C)	Reference	Max. no. of modules (18 mm)	No. of rows	Terminals (*)
150	80	98	DH-3	3	1	4 terminals
200	123	112	DH-4	4	1	4 terminals
200	159	112	DH-6	6	1	8 terminals
200	195	112	DH-8	8	1	8 terminals
200	267	112	DH-12	12	1	16 terminals

(*) Not included.

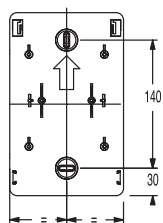
Dimensions (mm)

FIG. 1

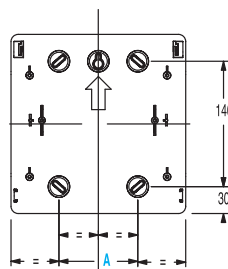
Mini DH enclosures



3, 4 and 6 modules



8 and 12 modules

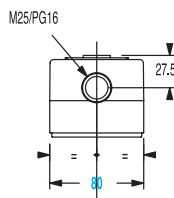


Knock-outs ⁽¹⁾				
M:	16	20	25	32
PG:			16	21
	-	-	1	-
	-	2	1	-
	1	1	1	-
	2	2	1	-
	2	2	2	1

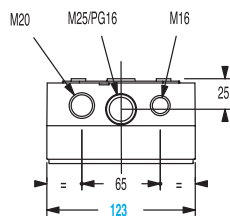
(1) PG and ISO concentric knock-outs (EN 50262).

Reference	External dimensions (mm)			Max. no. of modules (18 mm)	D	Weight (g)
	Height (A)	Width (B)	Depth (C)			
DH-3	150	80	98	3	-	300
DH-4	200	123	112	4	-	450
DH-6	200	159	112	6	-	500
DH-8	200	195	112	8	88	700
DH-12	200	267	112	12	160	900

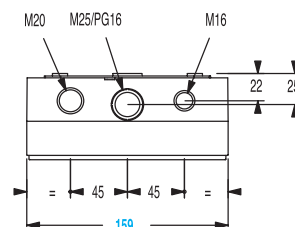
3 modules



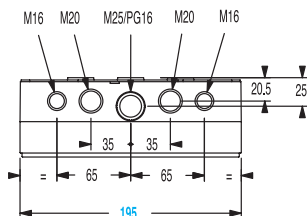
4 modules



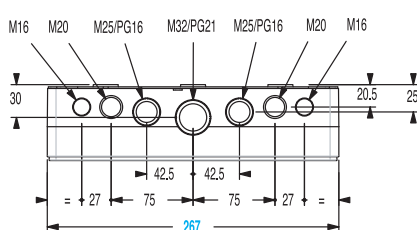
6 modules



8 modules



12 modules





Weatherproof enclosures for modular switchgear.
Up to 54 modules. With 1, 2 or 3 lines of 12 or 18 modules.

Technical data:

- Self-extinguishing insulating material, flame and abnormal heat resistance: 650 °C as per IEC 60695-2-1.
- Operating temperature: -25 to +60 °C.
- Colour: light grey RAL-7035 and semi transparent door.
- IP65 as per IEC 60259.
- IK09 as per EN 50102.
- Class 2: total insulation.
- Complies with standard IEC 60439-3 "low voltage switchgear and control assemblies".
- Resistance to chemicals and atmospheric agents.

Constructive characteristics:

- Reversible front face for opening of door to the left or right.
- Clip-on terminal block support.
- Possibility of coupling two enclosures while maintaining IP65 and allowing the cable passage.

- Back with PG and ISO concentric knock-outs.
- Direct wall fixing by means of the holes in the rear of enclosure or with use of the wall fixing brackets (not included).
- Ergonomic and sure lock that allow the installation of a key for further security.
- Possibility of seal the front face.
- Provision of additional neutral or earthing terminals in all models.

Delivered with:

- 1 terminal block support.
- 1 terminal block.
- 1 marking kit.
- 1 wiring strap.
- Caps for class 2 isolation.
- 1 blanking plate (5 modules of 18 mm).

MODELS, SIZES AND REFERENCES

External dimensions (mm)			Reference	Max. no. of modules (18 mm)	No. of rows	Terminals (*)	Terminal support
Height (A)	Width (B)	Depth (C)					
280	340	160	DHE-12/1	12	1	8 terminals	1
280	448	160	DHE-18/1	18	1	16 terminals	1
460	340	160	DHE-24/2	24	2	22 terminals	1
460	448	160	DHE-36/2	36	2	32 terminals	1
610	340	160	DHE-36/3	36	3	32 terminals	1
610	448	160	DHE-54/3	54	3	2 × 22 terminals	2

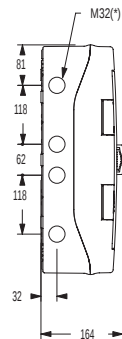
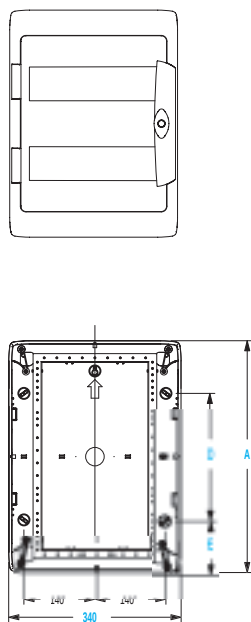
(*) Included with the terminal support.

Dimensions (mm)

FIG. 1

Modular enclosures DHE

12 modules

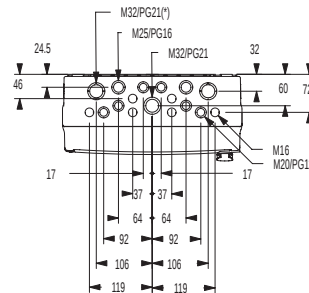


Knock-outs ⁽¹⁾					
M:	16	20	25	32	50
PG:	-	11	16	21	29/36
	6	6	2	3	-
	6	6	2	3	-
	6	6	2	3	-

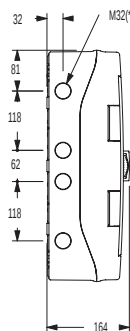
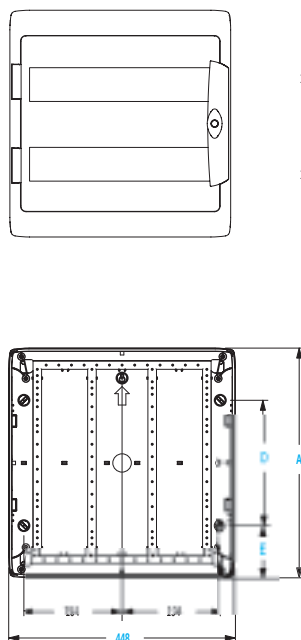
(1) PG and ISO concentric knock-outs (EN 50262).

Reference	External dimensions (mm)			Max. no. of modules (18 mm)	D	E	Weight (g)
	Height (A)	Width (B)	Depth (C)				
DHE-12/1	280	340	160	12	118	81	1900
DHE-24/2	460	340	160	24	251	104.5	3100
DHE-36/3	610	340	160	36	401	104.5	4100

(1) Knock-outs for joining enclosures M32/PG21.



18 modules

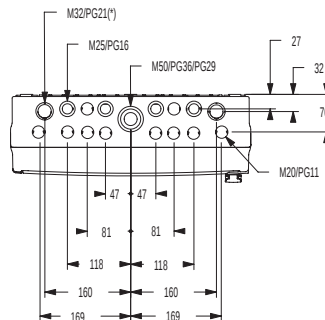


Knock-outs ⁽¹⁾					
M:	16	20	25	32	50
PG:	-	11	16	21	29/36
	-	10	4	2	1
	-	10	4	2	1
	-	10	4	2	1

(1) PG and ISO concentric knock-outs (EN 50262).

Reference	External dimensions (mm)			Max. no. of modules (18 mm)	D	E	Weight (g)
	Height (A)	Width (B)	Depth (C)				
DHE-18/1	280	448	160	18	118	81	2400
DHE-36/2	460	448	160	36	251	104.5	3850
DHE-54/3	610	448	160	54	401	104.5	4150

(1) Knock-outs for joining enclosures M32/PG21.

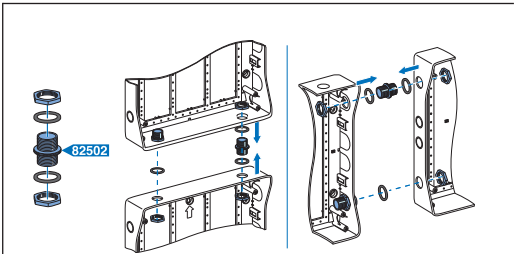


Association kit



- Used for horizontal or vertical coupling of two enclosures with one another while preserving IP65.
- Composed of 2 sleeves, 4 nuts and 4 joints.

Reference	Description
UM/DHS	Association kit

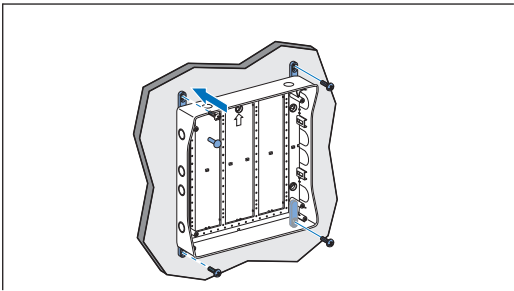


Wall fixing brackets



- Used to fix the enclosure to the wall without using holes in the back of the enclosure.
- Set of 4 wall fixing brackets.

Reference	Description
FM/DHS	Wall fixing brackets

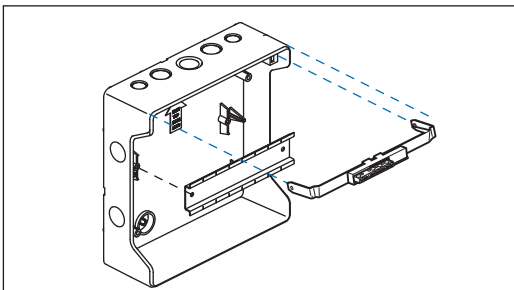


Terminal block support for mini-DH



- Metal terminal block support clipped onto the back enclosure.

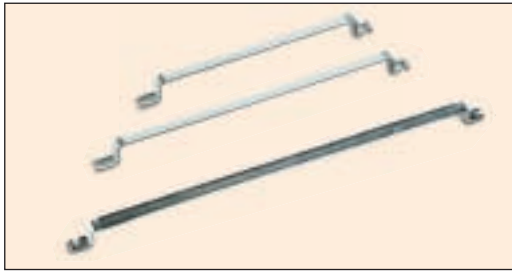
No. of modules (18 mm)	Reference
4	SBDH4
6	SBDH6
8	SBDH8
12	SBDH12



ACCESSORIES

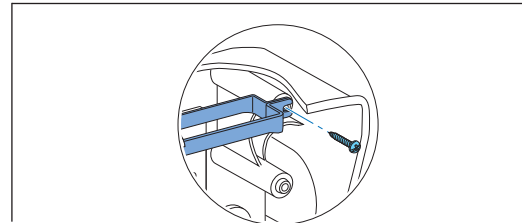
MODULAR WEATHERPROOF ENCLOSURES

Terminal block support for enclosures onto pins



- They can be screwed onto the pins at the top or bottom of the enclosure.
- They can be superimposed to double capacity.

No. of modules (18 mm)	Reference
8	SBDH8F
12	SBDH12F
18	SBDH18F

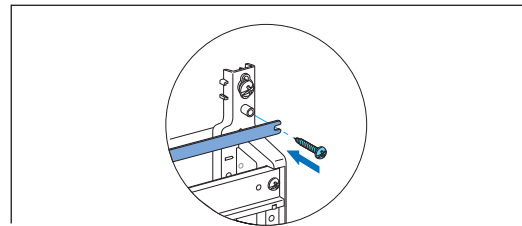


Terminal block support for enclosures onto chassis

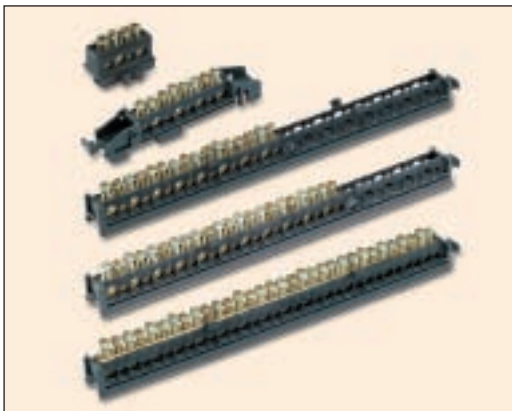


- They can be screwed onto the chassis simplifying the cables connections.

No. of modules (18 mm)	Reference
12	SBDH12C
18	SBDH18C



Terminal blocks



- Clipped onto terminal block support (all models).
- Clipping by means of dovetails (4 holes).
- Screwed onto the back or the rail (8 holes).

No. of holes	Reference
4	RBDH4
8	RBDH8
16	RBDH16
22	RBDH22
32	RBDH32

TERMINAL BLOCKS

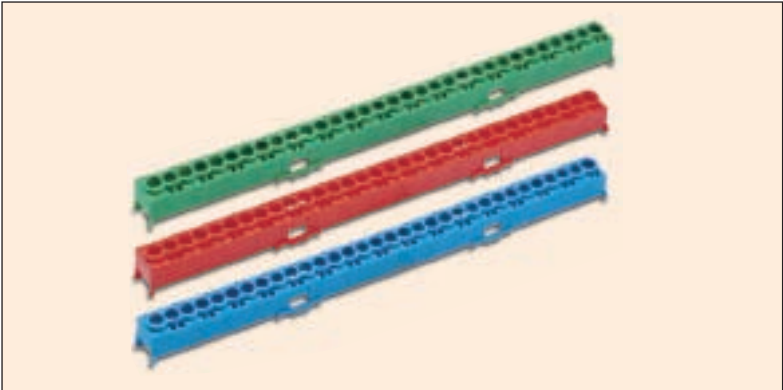
Composition terminal blocks								
References	No. of holes	Section (mm ²)		Length (mm)				
		10	16					
RBDH4	4	2	2	29	✓			✓
RBDH8	8	4	4	85	✓	✓		
RBDH16	16	8	8	202	✓		✓	
RBDH22	22	11	11	202	✓			
RBDH32	32	16	16	202	✓			

IP2 covers



■ The terminal block can be protected and identified by IP2 coloured (green, red or blue) covers.

No. of holes	References		
	Green	Red	Blue
4	TBDH4V	TBDH4R	TBDH4A
8	TBDH8V	TBDH8R	TBDH8A
16, 22, 32	TBDH32V	TBDH32R	TBDH32A

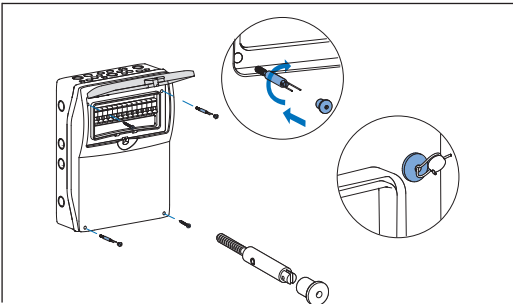


Sealing kit



Used to seal:
■ The front face on the back using 2 screws and 2 caps.

Reference	Description
PPT/DHS	Sealing kit

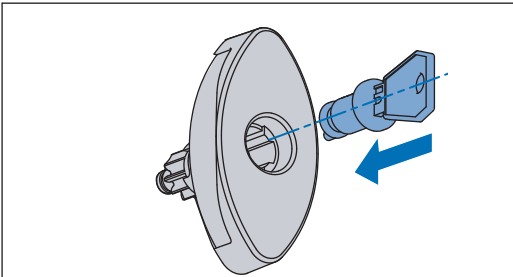


Keylock insert



■ These are mounted in the handle without increasing the overall dimension of the enclosure.

Description	Reference
Eurolock no. 850	CL850DHS
Eurolock no. 851	CL851DHS
Eurolock no. 852	CL852DHS



ACCESSORIES

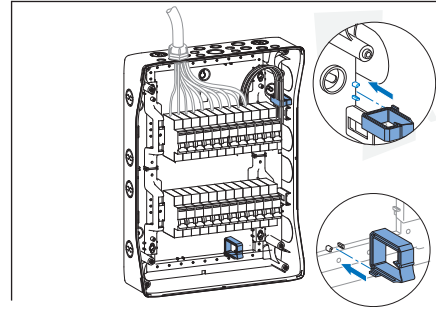
MODULAR WEATHERPROOF ENCLOSURES

Wiring strap

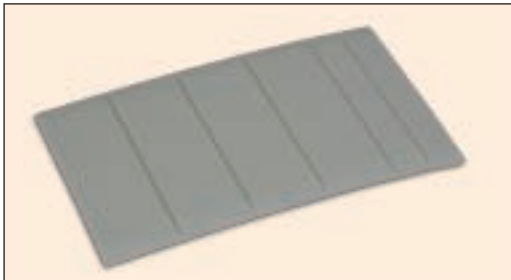


- Used to guide cables along walls for simplified cabling.

Reference	Description
GC/DHS	Wiring strap



Blanking plate



- Clipped onto the front plates to cover slots with no devices.
- Strips of 5 modules + 2 half-modules

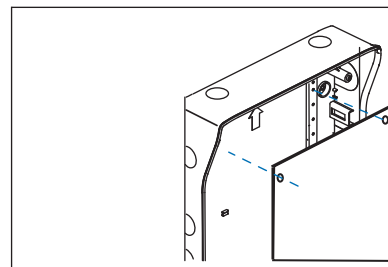
Reference	Description
ATP5/DHS	Blanking plate

Mounting plate

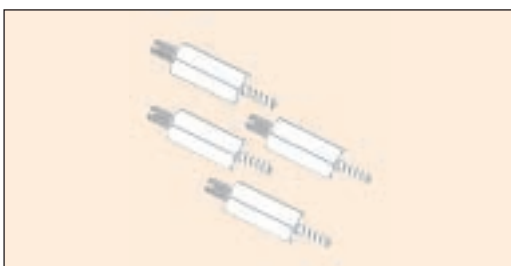


- Screwed onto the back of the enclosure by means of selftapping screws.
- Used to fix non-modular devices.

External dimensions (mm)		Reference
Height (A)	Width (B)	
250	150	PMU-2515
460	340	PMU-4634
460	448	PMU-4645
610	340	PMU-6134
610	448	PMU-6145



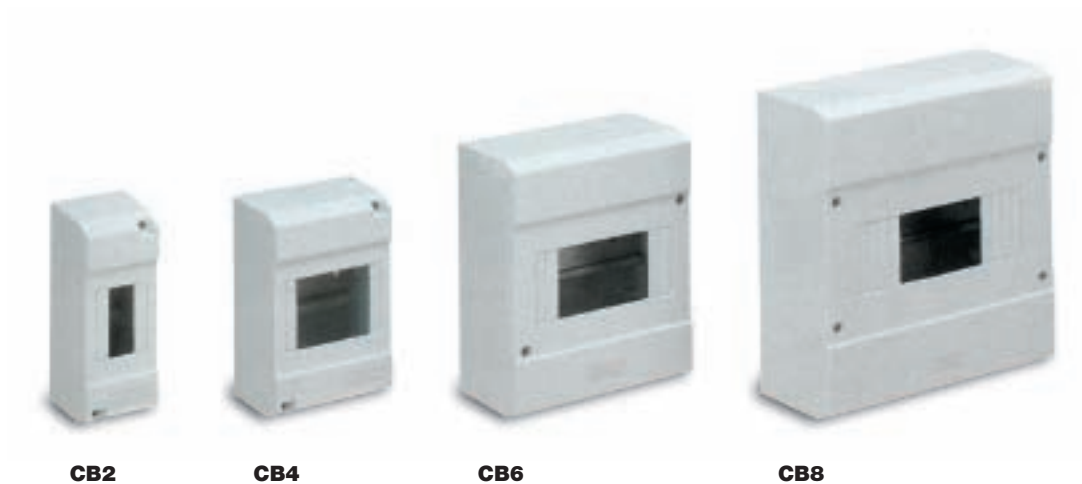
Selftapping screws



- Used to fix non-modular devices.
- Screws ref. 82609.

Reference	Description
EXDHU	Selftapping screws

IP40 (EN 60529)



Consisting of base and lid self-extinguishing to RAL-7035.

- IP40 protection.
- DIN rail fitted.
- Knock-outs for cable entry.
- Direct wall fixing.
- **CB2** and **CB4** models sealable.

TERMINAL COVERS

ENCLOSURES FOR DIN RAIL EQUIPMENT

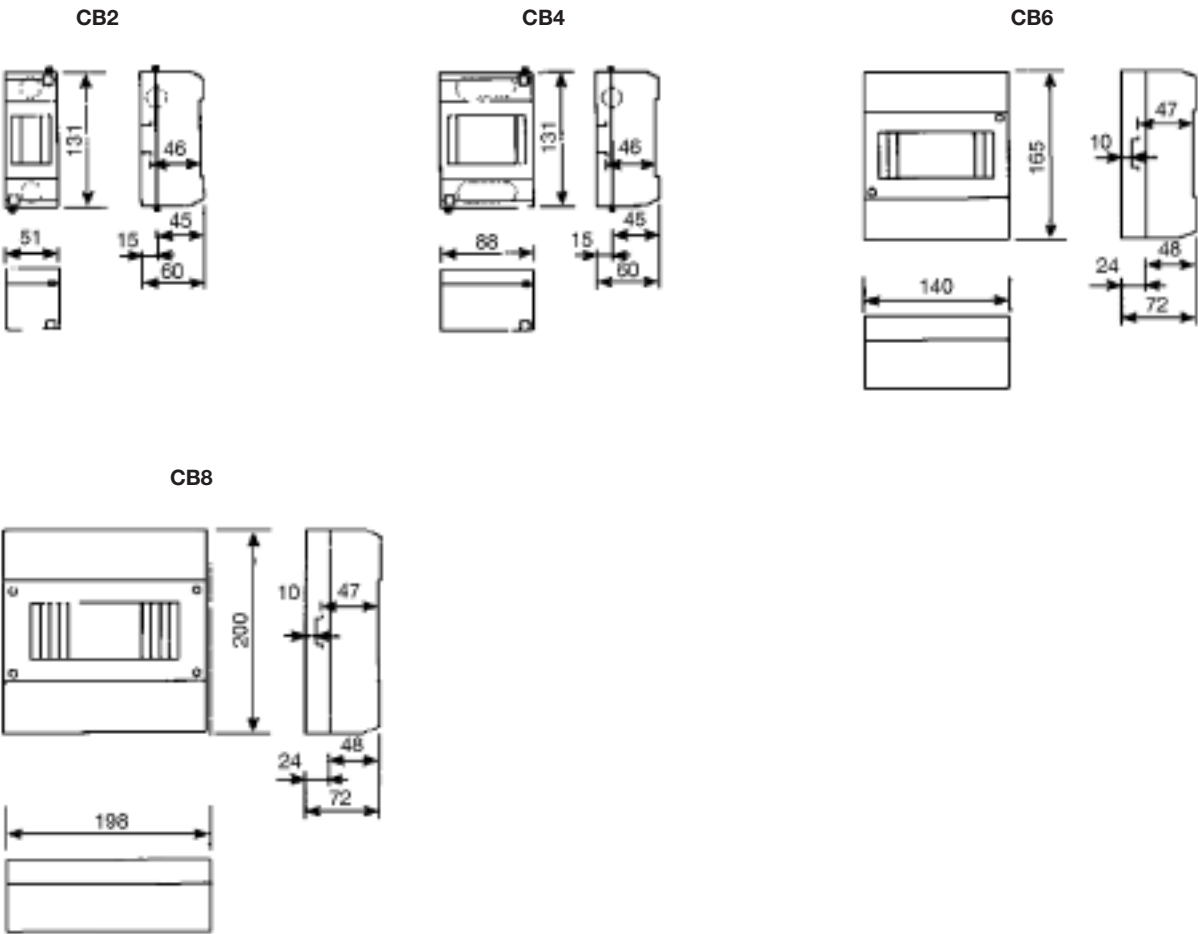
IP40 (EN 60529)

MODELS, SIZES AND REFERENCES

				Number and diameter of knock-outs (Pg y mm)								
External dimensions (mm)			Reference	Max. number of modules (18 mm)	Top and bottom			Sides		Back		
Height	Width	Depth			PG 16 (23)	- (20/32)	- (26/40)	PG 16 (23)	- (20/32)	PG 16 (23)	- (21x50)	- (25x74)
131	51	60	CB2	2	1	-	-	1	-	2	-	-
131	88	60	CB4	4	1	-	-	1	-	-	2	-
165	140	72	CB6	6	-	3	-	-	2	-	-	1
200	198	72	CB8	8	-	2	1	-	2	-	-	2

Dimensions (mm)

FIG. 1



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