



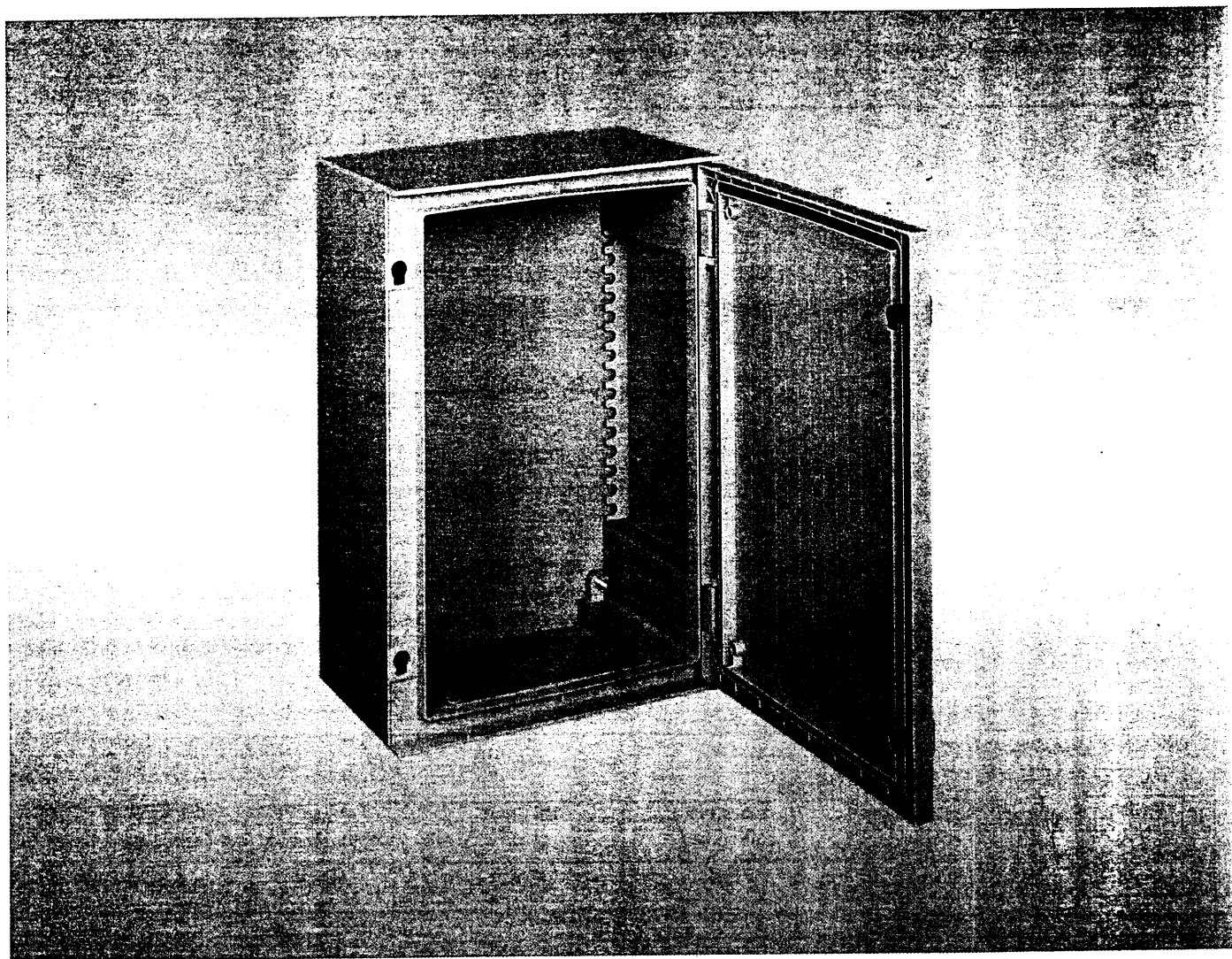
The following approvals have been applied for

Hot-pressed glass-fibre reinforced polyester cabinets.

- one-piece monoblock body
- colour grey, RAL 7032
- 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 60.439.1) standard
- High resistance to mechanical impacts IK-10 (20 J) in accordance with EN 50.102
- UL homologation in accordance with UL 508, grades Nema 4X and 12



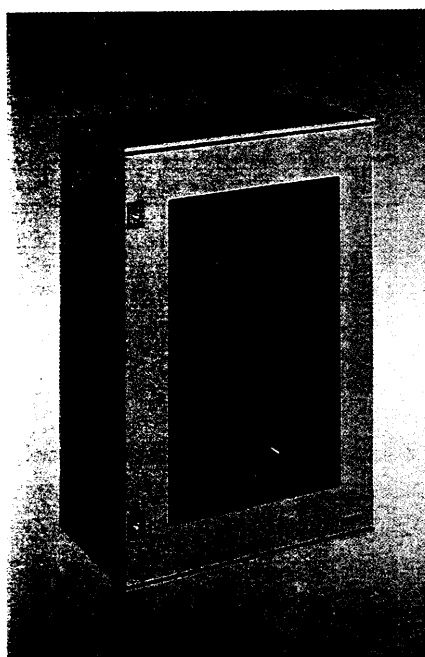
## models, dimensions and references

external dimensions (mm)			cabinets				mounting plates			depth adjustable support	modular chassis	internal door
height (A)	width (B)	depth (C)	reference	reference with transparent door	dimensions with transparent door (D) (E)	weight* (Kg)	metal	insulating	perforated			
310	215	160	PLM-32**	PLM-32/KT**	310 215	1,3	●	●	●	-	-	-
430	330	200	PLM-43	PLM-43/KT	280 200	4,3	●	●	●	●	●	●
530	430	200	PLM-54	PLM-54/KT	380 300	6,3	●	●	●	●	●	●
647	436	250	PLM-64	PLM-64/KT	480 300	8,4	●	●	●	●	●	●
747	536	300	PLM-75	PLM-75/KT	580 400	12,1	●	●	●	●	●	●
847	636	300	PLM-86	PLM-86/KT	680 500	14,9	●	●	●	●	●	●
1000	800	350	PLM-108***	PLM-108/KT	- -	-	-	-	-	-	-	-

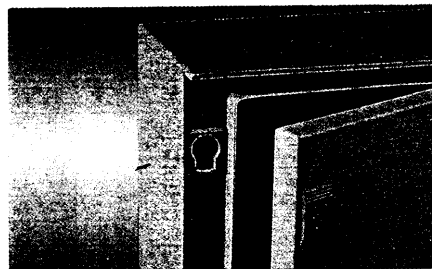
\* Weight of cabinets with normal door

\*\* Model PLM-32 in polycarbonate

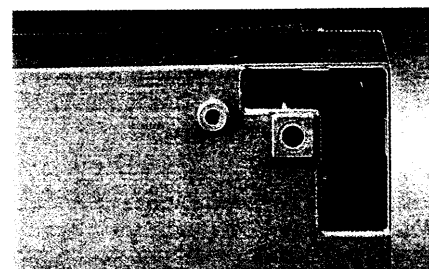
\*\*\* 4-Point locking system enclosed



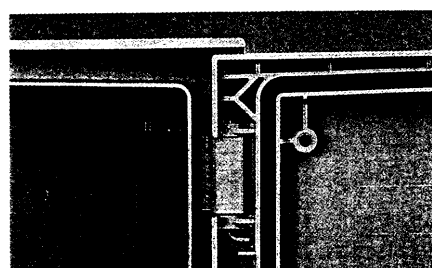
Cabinet with transparent templated glass door ref: **PLM/KT** , maintaining the IP-66 and IK-8 (5J) degrees of protection.



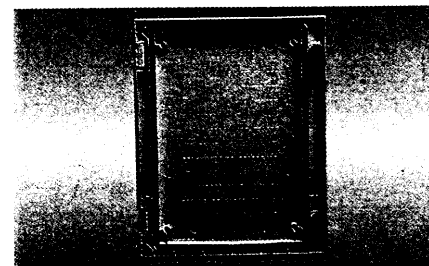
Built-in canopy which protects the door and its gasket. Lock are located outside the gasketed area.



Self-ventilation windows at the rear of the cabinet.

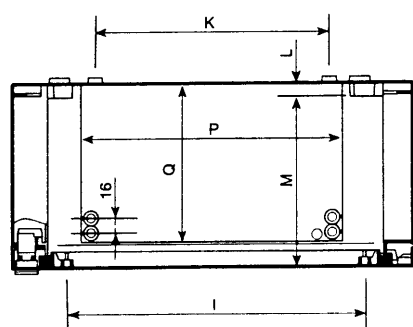
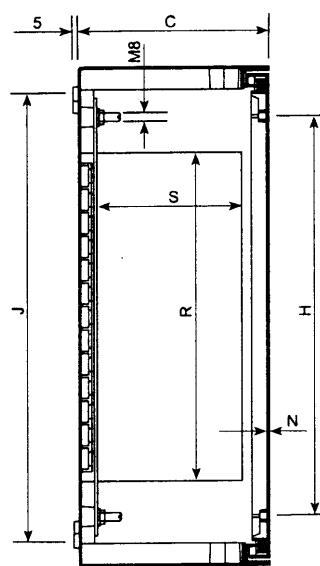
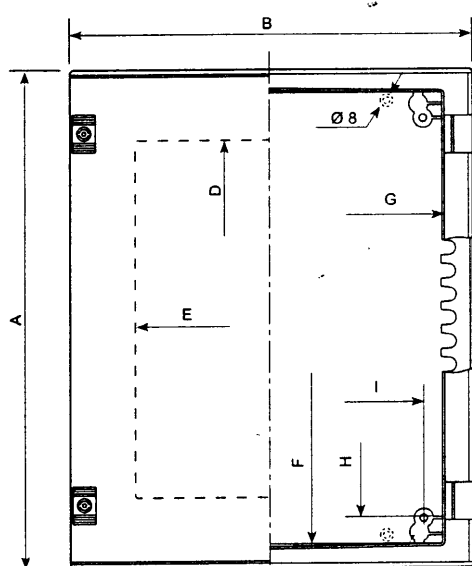


Internal stainless steel hinges, built in the door with safety pins.



Maximum usable space, door provided with a grid pattern for centring of equipment. Door opening over 180°.

## dimensions (mm)

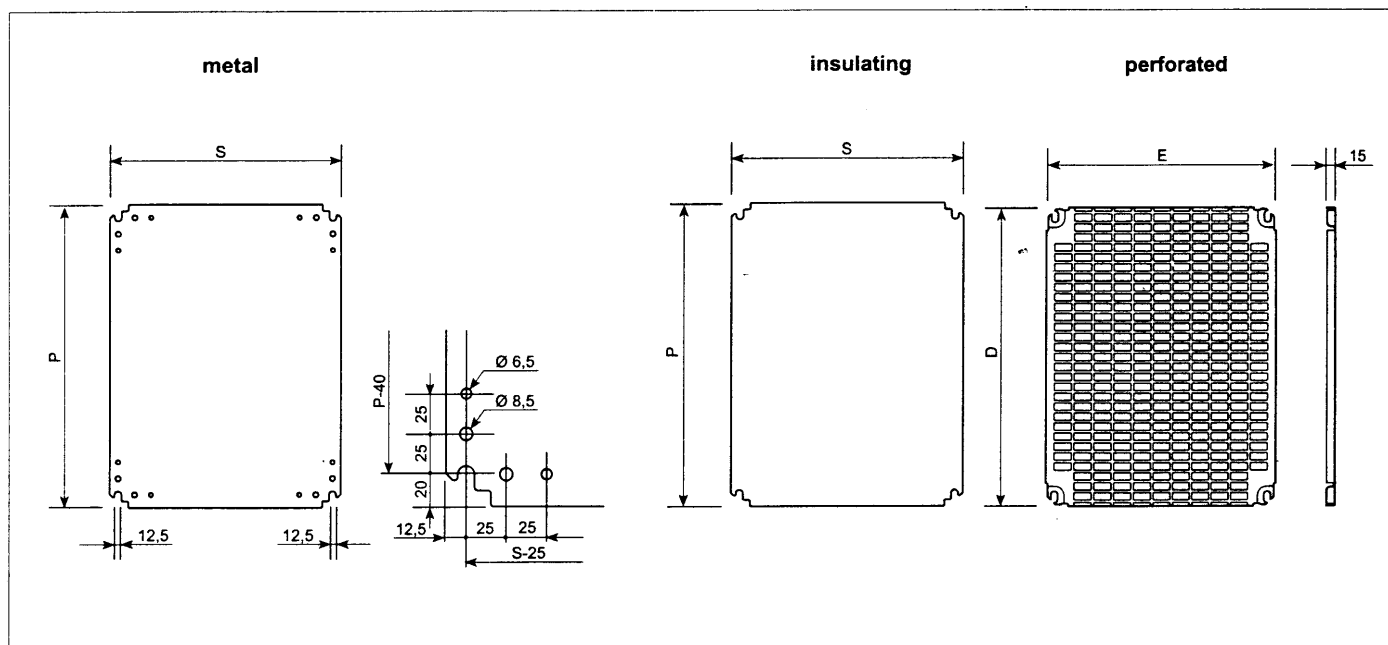
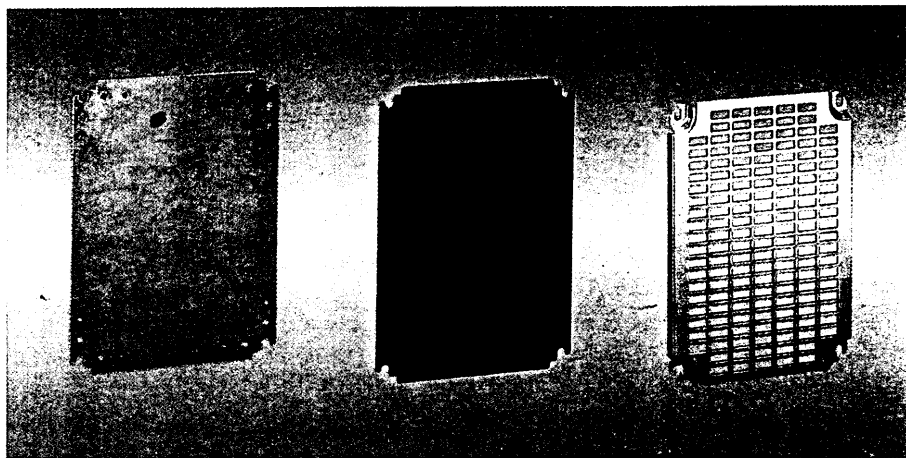


	reference PLM-...						
	32	43	54	64	75	86	108*
F	270	380	480	580	680	780	-
G	170	260	360	360	460	560	-
H	225	325	425	525	625	725	-
I	125	225	325	325	425	525	-
J	275	375	475	575	675	775	-
K	75	150	250	250	350	450	-
L	8	13	13	13	15	15	-
M	144	181	181	228	278	278	-
N	2,3	2,7	2,9	2,9	3	3	-
P	132	179	279	279	379	479	-
Q	129	168	168	212	261	261	-
R	186	247	347	388	487	587	-
S	121	150	150	192	241	241	-

## mounting plates

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

- double chromed zinc coated steel plates.
- bakelite insulating plates.
- perforated plates for quick fixing of equipment made of double chromed zinc coated steel plates.



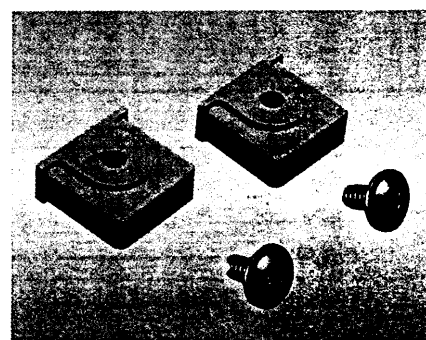
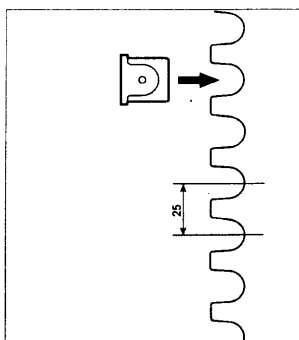
to fit to enclosures	metal			insulating					perforated			
	reference	thickness (mm)	weight (Kg.)	reference	thickness (mm)	weight (Kg.)	P	S	reference	weight (Kg.)	D	E
PLM-32	<b>MM-32</b>	2	0,6	<b>MB-32</b>	5	0,3	265	150	<b>MR-32</b>	0,4	255	154
PLM-43	<b>MM-43</b>	2	1,6	<b>MB-43</b>	5	0,6	365	250	<b>MR-43</b>	0,7	349	251
PLM-54	<b>MM-54</b>	2	2,5	<b>MB-54</b>	5	1,2	465	350	<b>MR-54</b>	1,3	450	351
PLM-64	<b>MM-64</b>	2	3,1	<b>MB-64</b>	5	1,4	565	350	<b>MR-64</b>	1,6	555	351
PLM-75	<b>MM-75</b>	2	4,6	<b>MB-75</b>	5	2,1	665	450	<b>MR-75</b>	2,3	645	451
PLM-86	<b>MM-86</b>	3	9,9	<b>MB-86</b>	5	3	765	550	<b>MR-86</b>	3,2	750	551
PLM-108	<b>MM-108</b>	3	16,9	<b>MB-108</b>	5	5,2	965	750	<b>MR-108</b>	5	945	751

## rail fixing insert

Insert nut specially designed to fit to the back of the enclosure for quick fixing of 35 mm. rails (see page 8) through self-tapping screws (supplied as standard).

- made of insulating material.

reference	features
TCO/PLM	to fit all enclosures



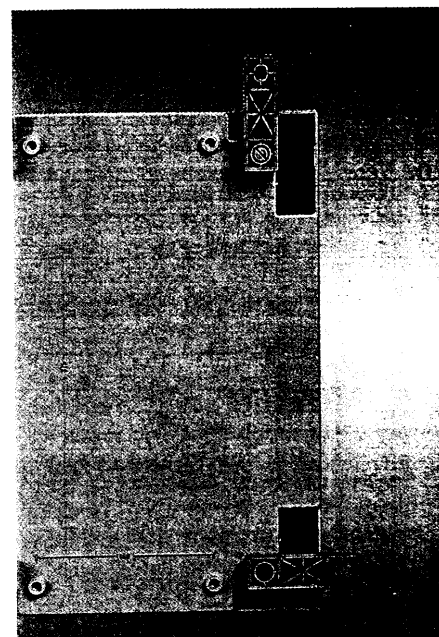
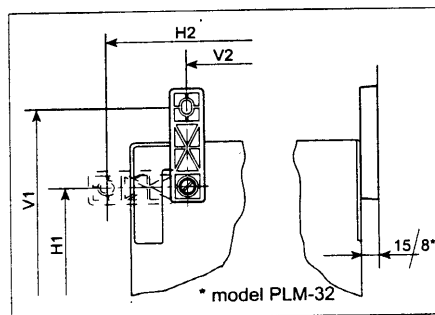
## wall mounting set

Assembly for fixing the cabinet to the wall. It is attached from the outside to the rear of the cabinet using inserts and M8 screws (included in the standard supply). Brackets made of fibre glass reinforced polyamide.

Model PLM-32 is fixed by means of self-tapping screws

The fixing pieces can be located either vertically or horizontally.

The assembly is not included in the standard supply.

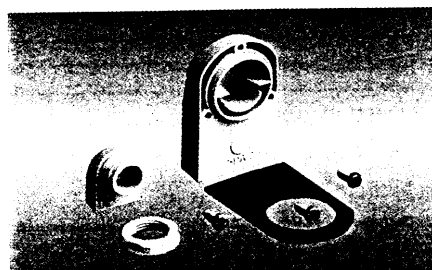


to fit to enclosures	reference	dimensions			
		horizontal position		vertical position	
		height (H1)	width (H2)	height (V1)	width (V2)
PLM-32	<b>PF/PLM-32</b>	-	-	-	-
PLM-43	<b>PF/PLM</b>	355	360	490	225
PLM-54	<b>PF/PLM</b>	455	460	590	325
PLM-64	<b>PF/PLM</b>	555	465	690	330
PLM-75	<b>PF/PLM</b>	655	565	790	430
PLM-86	<b>PF/PLM</b>	755	665	890	530

## air-vents

To equalize external and internal temperatures and thus prevent condensation within the enclosure. Can be fixed on the outside (ref. VM-25 and VM-27) or on the internal sides connected with the rear self-ventilating windows ref. VM-35. VM-35 model will maintain the rated IP-66.

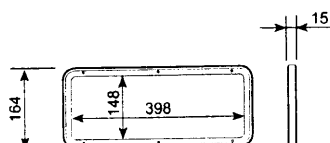
reference	features
<b>VM-25</b>	for fitting on the outside of all cabinets
<b>VM-27</b>	for fitting inside of all cabinets - except PLM 32.
<b>VM-35</b>	



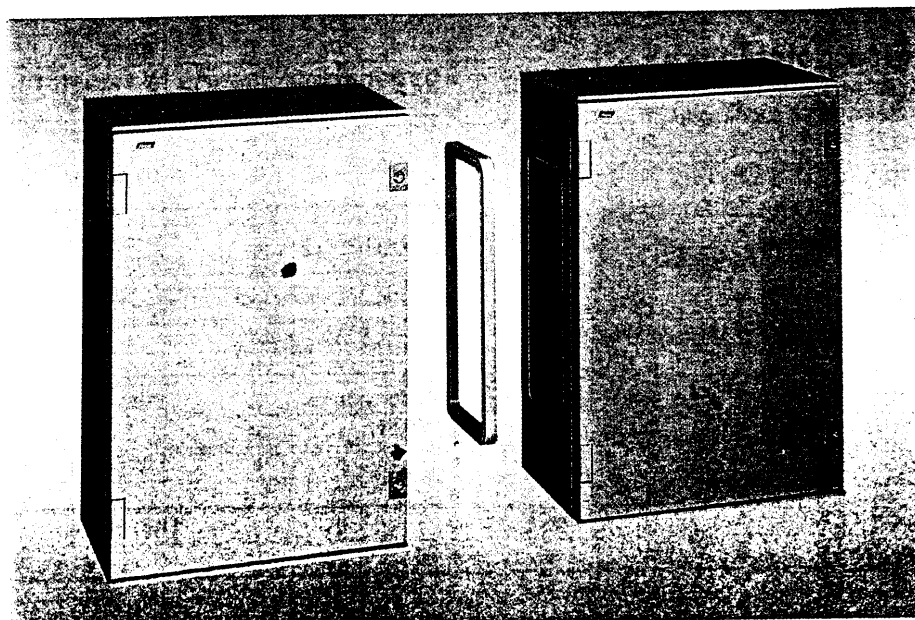
## coupling frame

For side to side joining of enclosures.

- made of self-extinguishing fibre glass reinforced polyester.
- gasket to maintain the IP-66 rating provided.
- fixing by means of screws included as standard supply.




to fit to enclosures	reference
PLM 75 PLM 86	<b>BU/PLM</b>

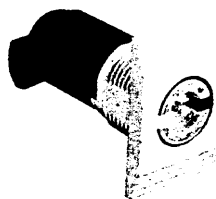








**locks**

Double bar standard lock, with stainless zinc alloy inserts

■ operation through:

LDB 5 key  (according to DIN 43668)


**optional lock inserts to transform the standard lock**

type	key type / reference	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-6,5	TT6/CRN
△ 8 mm triangular lock	 LT-8	TT8/CRN
wing key lock		CL/CRN
stainless steel padlock		KPLM






**4 point locks**

Double bar standard lock for the PLM-108 model in the normal door or KT transparent door versions. They can be optionally supplied in the PLM-64, PLM-75 y PLM-86 models

■ operation through:

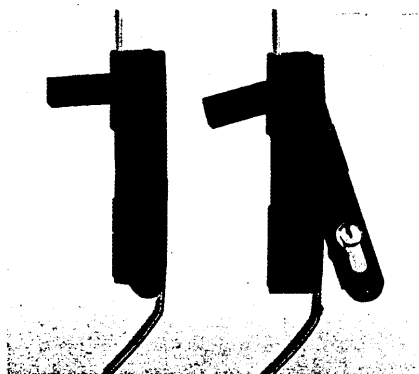
LDB 5 key  (according to DIN 43668)





**optional lock inserts to transform the standard lock**

type	key type / reference	reference
□ 6 mm square lock	 LC-7	TC 6/PL
□ 7 mm square lock	 LC-7	TC 7/PL
□ 8 mm square lock	 LC-8	TC 8/PL
△ 7 mm triangular lock	 LT-8	TT 7/PL
△ 8 mm triangular lock	 LT-8	TT 8/PL
padlock		BC/PL

**three point locks**

Standard handle locks without insert in the PLM 64/75/86 CME model.

**optional lock inserts to transform the standard lock**

type	key type / reference	reference
double bar lock	 LDB 5	TDB/PLD
△ 8 mm triangular lock	 LT-8	TT7/PLD
lock with 405 type key		TCL/PLD
reinforced lock with key		TLR/PLD
padlock		BCME/PL