

Selection guide

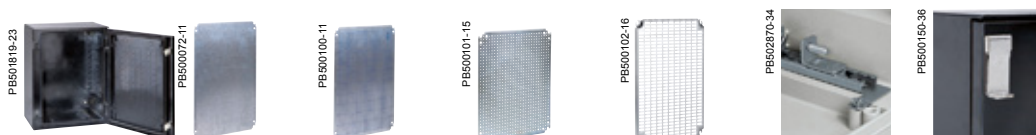
Polyester wall-mounting enclosures

Polyester wall-mounting enclosures IP66



Dimensions (mm)			ABS/PC wall-mounting enclosures IP66		Polyester wall-mounting enclosures IP66			
Height	Width	Depth	Plain door	Transp. door	Plain door	Transp. door	Plain door 3-point closure	Transp. door 3-point closure
Page 165								
310	215	160	NSYPLM32G	NSYPLM32TG	-	-	-	-
308	255	160	-	-	NSYPLM3025G	NSYPLM3025TG	-	-
430	330	200	-	-	NSYPLM43G	NSYPLM43TG	NSYPLM43VG	NSYPLM43TVG
530	430	200	-	-	NSYPLM54G	NSYPLM54TG	NSYPLM54VG	NSYPLM54TVG
647	436	250	-	-	NSYPLM64G	NSYPLM64TG	NSYPLM64VG	NSYPLM64TVG
747	536	300	-	-	NSYPLM75G	NSYPLM75TG	NSYPLM75VG	NSYPLM75TVG
847	636	300	-	-	NSYPLM86G	NSYPLM86TG	NSYPLM86VG	NSYPLM86TVG
1056	852	350	-	-	NSYPLM108G	NSYPLM108TG	-	-

Polyester wall-mounting PLMEX and accessories



Dimensions (mm)			ATEX solution	Metallic mounting plate				Step slides	Padlocking
Height	Width	Depth	References	Plain	Silkscreened	Microperforated	Telequick	References	
308	255	160	NSYPLMEX3025	NSYMM3025	-	-	NSYMR3025	-	-
430	330	200	NSYPLMEX43	NSYMM43	NSYMS43	NSYMF43	NSYMR43	NSYDPLM200	NSYKPLM
530	430	200	NSYPLMEX54	NSYMM54	NSYMS54	NSYMF54	NSYMR54	NSYDPLM200	NSYKPLM
647	436	250	NSYPLMEX64	NSYMM64	NSYMS64	NSYMF64	NSYMR64	NSYDPLM250	NSYKPLM
747	536	300	NSYPLMEX75	NSYMM75	NSYMS75	NSYMF75	NSYMR75	NSYDPLM300	NSYKPLM
847	636	300	NSYPLMEX86	NSYMM86	NSYMS86	NSYMF86	NSYMR86	NSYDPLM300	NSYKPLM
1056	852	350	NSYPLMEX108	NSYMM108	-	NSYMF108	NSYMR108	NSYDPLM350	NSYBCPL

Insulating wall-mounting enclosures

Characteristics



Characteristics	ABS/PC wall-mounting enclosures	Polyester wall-mounting enclosures
	<ul style="list-style-type: none"> Monobloc wall-mounting enclosure. Version with transparent polycarbonate door. Closes with a 3-mm double-bar lock. Door opening: 180°. Temperature range: -35°C...+90°C. 	<ul style="list-style-type: none"> Monobloc wall-mounting enclosure. Version with transparent tempered-glass door. Closes with two 3-mm double-bar locks. Door opening angle: 120°. Grid pattern with a pitch of 50 mm on the back of the door.
Material	ABS/PC	Polyester reinforced with fibreglass, moulded by hot compression
Temperature range - Polyester parts	-	-50°C ... +150°C
Temperature range - Gasket	-35°C ... +90°C	
Colour	RAL 7035 grey*	
Ingress protection rating	IP66 according to IEC 60529	
Mechanical protection rating	<ul style="list-style-type: none"> IK10 (20 joules) plain door - IEC 62262 IK08 (5 joules) glazed door 	
Certifications	<ul style="list-style-type: none"> IEC 62208 Marine 	<ul style="list-style-type: none"> IEC 62208 Marine UL 508A - Nema type: 1, 2, 3, 3R, 3S, 4, 4X, 5, 12, 12K and 13
Installation	<ul style="list-style-type: none"> Direct fixing of symmetrical rails ref. NSYCS200PLM with plastic nuts ref. NSYTCSPLM, to be installed in the notches on the rear of the body, with a pitch of 25 mm Fixing of installation plates on the studs at the rear of the enclosure 	<ul style="list-style-type: none"> Fixing of rear accessories on 4 M8 x 18 studs
		<ul style="list-style-type: none"> Monobloc wall-mounting enclosure. Version with transparent tempered-glass door. Locking device outside the sealed area, guaranteeing the tightness of IP66 over time. Locking system: <ul style="list-style-type: none"> enclosure height ≤ 847 mm: 2 locks with double-bar insert or 1 handle with key lock and 3-point closure, enclosure height 1056 mm: 1 lock with double-bar insert and 4-point closure. Door opening angle: 180°. Bosses for accessory-fixing inserts: M6 inside the enclosure, M5 in the door for enclosure heights of 430 and 530 mm, M6 in the door for enclosure heights ≥ 647 mm. Grid pattern with a pitch of 25 mm on the back of the door.

External dimensions (mm)			References of wall-mounting enclosures with door							
Height	Width	Depth	Plain (3)	Transparent	Plain (3)	Transparent	Plain (3)	Transparent	Plain (1)	Transparent (1)
308	255	160	-	-	NSYPLM3025G	NSYPLM3025TG	-	-	-	-
310	215	160	NSYPLM32G	NSYPLM32TG	-	-	-	-	-	-
430	330	200	-	-	-	-	NSYPLM43G	NSYPLM43TG	NSYPLM43VG	NSYPLM43TVG
530	430	200	-	-	-	-	NSYPLM54G	NSYPLM54TG	NSYPLM54VG	NSYPLM54TVG
647	436	250	-	-	-	-	NSYPLM64G	NSYPLM64TG	NSYPLM64VG	NSYPLM64TVG
747	536	300	-	-	-	-	NSYPLM75G	NSYPLM75TG	NSYPLM75VG	NSYPLM75TVG
847	636	300	-	-	-	-	NSYPLM86G	NSYPLM86TG	NSYPLM86VG	NSYPLM86TVG
1056	852	350	-	-	-	-	NSYPLM108G (2)	NSYPLM108TG (2)	-	-

(1) Wall-mounting enclosure with handle and lock with 3-point closure and key 1242 E delivered as standard.

(2) Wall-mounting enclosure with standard 5 mm double-bar lock and lock with 4-point closure.

(3) These enclosures are also available equipped with metallic or insulating mounting plates.

* RAL 7035 from 2016.

External dimensions (mm)			Wall-mounting enclosures with plain door and mounting plate (4)							
Height	Width	Depth	Plain	Bakelite	Plain	Bakelite	Plain	Bakelite	Plain	Bakelite
308	255	160	-	-	NSYPLM3025PG	NSYPLM3025BG	-	-	-	-
310	215	160	NSYPLM32PG	NSYPLM32BG	-	-	-	-	-	-
430	330	200	-	-	-	-	NSYPLM43PG	NSYPLM43BG	NSYPLM43BG	NSYPLM43BG
530	430	200	-	-	-	-	NSYPLM54PG	NSYPLM54BG	NSYPLM54BG	NSYPLM54BG
647	436	250	-	-	-	-	NSYPLM64PG	NSYPLM64BG	NSYPLM64BG	NSYPLM64BG
747	536	300	-	-	-	-	NSYPLM75PG	NSYPLM75BG	NSYPLM75BG	NSYPLM75BG
847	636	300	-	-	-	-	NSYPLM86PG	NSYPLM86BG	NSYPLM86BG	NSYPLM86BG
1056	852	350	-	-	-	-	-	-	NSYPLM108BG	NSYPLM108BG

(4) Not mounted.

Insulating wall-mounting enclosures

Specific accessories

Fixing



Characteristics	Floor-mounting pillar	Wall-fixing lugs	Post-fixing device	Blanking plates
	To protect cables entering the enclosure in outdoor installations. Cable entry section: 165 x 100 mm. For enclosures ref. NSYPLM54G, NSYPLM54TG, NSYPLM64G and NSYPLM64TG.	Set of 4 wall-fixing lugs. Mounted directly on the enclosure, either in horizontal position or in vertical position.	For outdoor installations on a post with a maximum circumference of 675 mm, Ø 215 mm.	They are positioned on the rear surface of the enclosures to block the openings in the corners in order to improve their appearance or prevent the entry of unwanted elements in the ventilation shaft. Supplied as standard for enclosure, ref. NSYPLM108G.
Material	Polyester reinforced with fibreglass	Polyamide loaded with fibreglass	Stainless-steel	Galvanised steel
Colour	RAL 7035 grey*	-	-	-
Maximum load	-	<ul style="list-style-type: none"> ■ Vertical position: 200 kg ■ Horizontal position: 100 kg 	100 kg	-
Supply	Delivered with steel frame for secure fixing to the floor	Delivered with fixings	Supply of the rail, the strips and the fixings	-
	Reference	References	For wall-mounting enclosure	References
	NSYSFSPLMG	NSYFPFLMG NSYFPFLM32G (1)	NSYPLM43G NSYPLM54G & NSYPLM64G NSYPLM75G NSYPLM86G	NSYSFP300 NSYSFP400 NSYSFP500 NSYSFP600
		NSYFPXPLM		NSYPLM32G NSYPLM43G & NSYPLM54G NSYPLM64G, 75G and 86G -
				NSYCEPLMAG NSYCEPLMBG NSYCEPLMCG -

(1) Exclusive for enclosures ref. **NSYPLM32G** and **NSYPLM32TG.**

* RAL 7035 from 2016.