

6

Insulating enclosures



Thalassa PLS Insulating modular boxes

Selection guide	6/7
Dimensions	6/9



Thalassa PLM Wall-mounting in polyester

Dimensions	6/21
Selection guide	6/22



Thalassa PLMEX for potentially explosive atmospheres

6/34



Thalassa PLA Floor-standing in polyester

Selection guide	6/40
Dimensions	6/44
Accessories	6/46



Thalassa PLAT Ventilated canopy

6/41



Thalassa PLAZ Plinth-type open bottom

6/42



Thalassa PLAZT Plinth-type open bottom and ventilated canopy

6/43



Thalassa PLD Floor-standing DIN in polyester

6/70

Selection guide	6/71
Dimensions	6/73
Accessories	6/74

Polyester enclosures

Our solutions



Thalassa PLS boxes

- A range of insulating modular boxes for creating assemblies that separate functions and provide easy visibility thanks to their transparent covers.
- 14 box sizes from $270 \times 180 \times 180$ mm to $720 \times 540 \times 230$ mm.
- Accessories for power, automatism and modular applications.

6



Thalassa PLM wall-mounting enclosures

- ABS/PC or polyester monobloc enclosure, IP 66, plain and transparent doors with built-in top and bottom canopies allowing the enclosures to be inverted.
- 8 sizes from $310 \times 215 \times 160$ mm to $1056 \times 852 \times 350$ mm.
- Large range of accessories (common with the Spacial 3D universal enclosure) for power, automatism and modular applications.



Thalassa PLA floor-standing enclosure

- Modular design, made from polyester, combining:
 - 40 sizes.
 - 4 versions available, from completely sealed (IP 65) to self-ventilated with canopy and/or open bottom (IP 44 or 54).
 - Plain, glazed or anti-posting door.
- The large range of accessories allows it to adapt to all your needs:
 - Power distribution.
 - Automatism.
 - Modular.
 - 19".



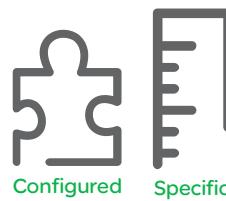
Thalassa PLD floor-standing enclosure

- Mainly designed for Low Voltage power distribution, they have inserts for installing busbars.



Polyester enclosures

Customised solutions



The customised offer anticipates the adaptation needs of the standard offer

Advantages of our customised offer



Preparation for installation with machining

Save time on marking out and transport to the machining location, avoid drilling errors with pre-machining of the body, panels and doors.



Save time with pre-installed accessories

On the polyester floor-standing and wall-mounting enclosures, we can supply or rapidly install a selection of accessories.



Save time with machined accessories

In order to adapt better to your needs, we can machine the accessories for polyester wall-mounting and floor-standing enclosures, including mounting plate, internal doors, cable-gland plates, etc.

6



Improve its appearance with colour

For better integration of your enclosures in their environment or to help identify them, we offer you two solutions:

- Enclosures with colour in the mass, maintenance free (minimum amount required).
- Repainting of standard enclosures.
- Application of anti-graffiti paint.

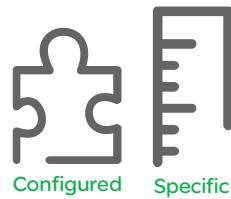


Increase the service life of your equipment

Installation of the most frequent accessories of the thermal range in the factory.

Polyester enclosures

Installation examples



Machined, coupled and equipped Thalassa PLS boxes



Thalassa PLM wall-mounting enclosure machined in the factory to accommodate cable glands

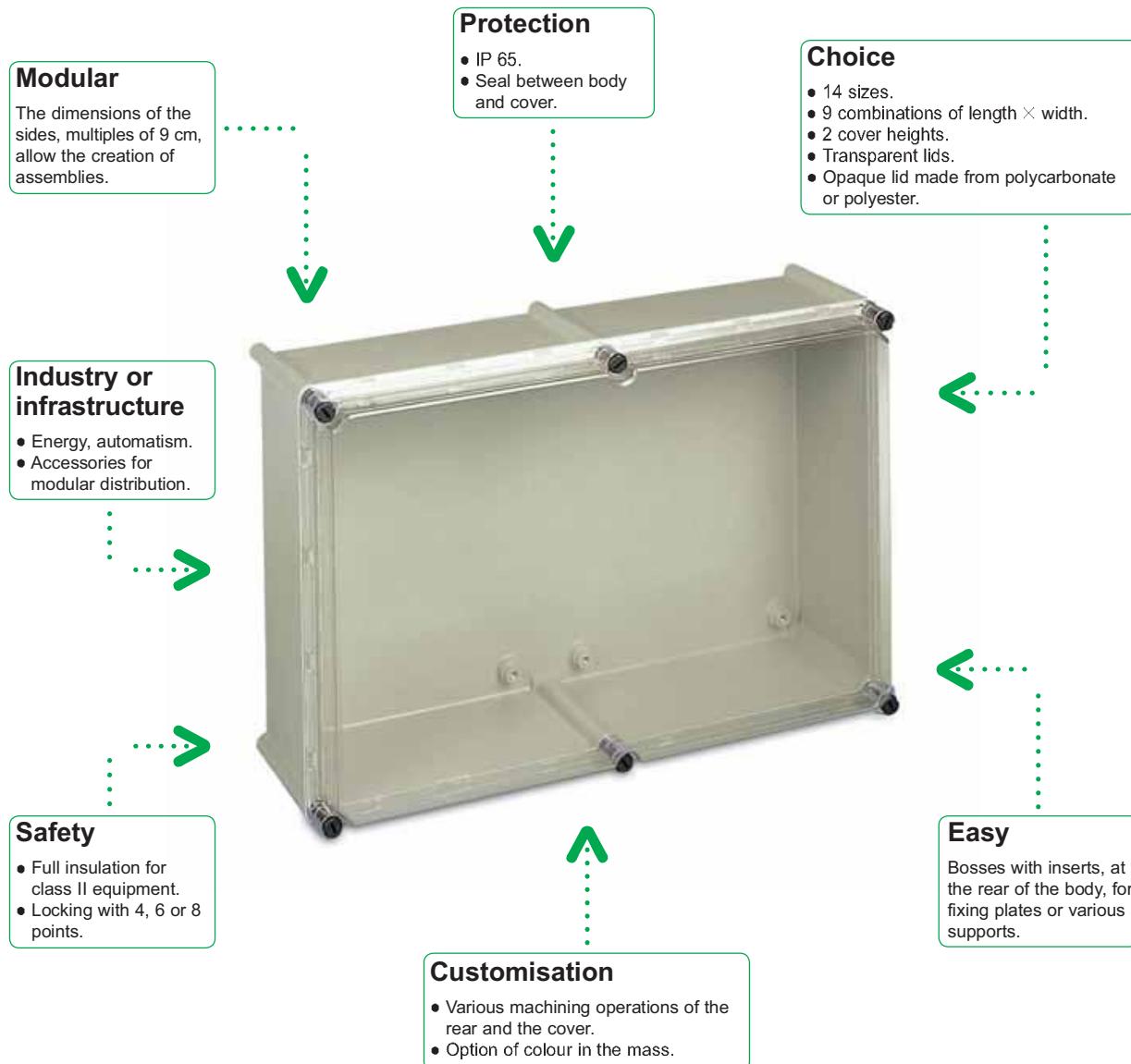


Thalassa PLA floor-standing enclosure with accessories installed in the factory



Coupled Thalassa PLA floor-standing enclosures with accessories installed in the factory

Insulating modular boxes



IP 65 insulating modular boxes

Introduction



- The product references show the two lateral dimensions in cm.
- 14 sizes of insulating boxes; the sides are multiples of 9 cm.
- Insulating boxes that can be coupled by all their side surfaces, allowing the creation of the greatest variety of modular assemblies.
- Rear made from polyester reinforced with fibreglass, moulded by hot compression, 9 sizes.
- 3 types of lids available according to the sizes:
 - Standard lid, made from transparent polycarbonate with neoprene seal, 45 mm high, or 95 mm high (final index A) according to the sizes.
 - Opaque polycarbonate lid (index C), with neoprene gasket, 45 mm high, or 95 mm high (final index A) according to the sizes.
 - Polyester lid (index P) with PUR seal, 45 mm high.
- The rears (prefix F) and the covers (prefix T) are supplied separately as standard references. The separate covers are supplied without locking screws or plumbing accessories.
- The PLS enclosures with transparent lids are also offered in batches; the reference refers to the complete batch.

Technical characteristics

- Degree of protection: IP 65.
- Resistance to external mechanical impacts: IK 09.
- RAL 7032 grey colour (opaque rears and lids).
- Excellent resistance to corrosion; can withstand most chemical agents.
- Full insulation to create class II assemblies.
- Standard lock with slot screws outside the volume of the boxes. Delivered with plumbing system.
- External wall mounting by 4 lugs, to be ordered separately.
- Service temperature: - 30 to + 120 °C.
- Bosses with M6 inserts for fixing the mounting plate.
- Halogen-free and compliant with the RoHS directive.
- Certification according to standard IEC 62208, guaranteeing IP, IK, resistance to heat and fire (self-extinguishing), insulation to 5000 V, resistance to bad weather and load of the mounting plate, 100 kg/m².
- UL certification and NEMA classification 4X and 13.

Selection guide



6

Dimensions (mm)			Cover boxes				
Height	Width	Depth	Transparent	Opaque	Polyester	Transparent in batches	Supply
180	270	180	NSYPLS1827	NSYPLSC1827	NSYPLSP1827	NSYPLS1827L	56
270	270	180	NSYPLS2727	NSYPLSC2727	NSYPLSP2727	NSYPLS2727L	56
270	270	230	NSYPLS2727A	NSYPLSC2727A		NSYPLS2727AL	56
270	360	180	NSYPLS2736	NSYPLSC2736	NSYPLSP2736	NSYPLS2736L	56
270	360	230	NSYPLS2736	NSYPLSC2736A	-	NSYPLS2736AL	56
270	540	180	NSYPLS2754	NSYPLSC2754	NSYPLSP2754	NSYPLS2754L	28
270	540	230	NSYPLS2754A	NSYPLSC2754A	-	NSYPLS2754AL	28
360	360	180	NSYPLS3636	NSYPLSC3636	NSYPLSP3636	NSYPLS3636L	28
360	540	180	NSYPLS3654	NSYPLSC3654	NSYPLSP3654	NSYPLS3654L	28
360	540	230	NSYPLS3654A	NSYPLSC3654A	-	NSYPLS3654AL	28
360	720	230	NSYPLS3672A	NSYPLSC3672A	-	NSYPLS3672AL	27
540	540	180	NSYPLS5454	NSYPLSC5454	NSYPLSP5454	NSYPLS5454L	14
540	540	230	NSYPLS5454A	NSYPLSC5454A	-	NSYPLS5454AL	14
540	720	230	NSYPLS5472A	NSYPLSC5472A	-	NSYPLS5472AL	14

IP 65 insulating modular boxes

Introduction

Selection guide



Dimensions (mm)			Rear 135 mm	Bottom covers			Top covers	
Height	Width	Depth		Transparent 45 mm	Opaque 45 mm	Polyester 45 mm	Transparent 95 mm	Opaque 95 mm
180	270	180	NSYFPLS1827	NSYTPLS1827	NSYTPLSC1827	NSYTPLSP1827	-	-
270	270	180	NSYFPLS2727	NSYTPLS2727	NSYTPLSC2727	NSYTPLSP2727	-	-
270	270	230	NSYFPLS2727	-	-	-	NSYTPLS2727A	NSYTPLSC2727A
270	360	180	NSYFPLS2736	NSYTPLS2736	NSYTPLSC2736	NSYTPLSP2736	-	-
270	360	230	NSYFPLS2736	-	-	-	NSYTPLS2736A	NSYTPLSC2736A
270	540	180	NSYFPLS2754	NSYTPLS2754	NSYTPLSC2754	NSYTPLSP2754	-	-
270	540	230	NSYFPLS2754	-	-	-	NSYTPLS2754A	NSYTPLSC2754A
360	360	180	NSYFPLS3636	NSYTPLS3636	NSYTPLSC3636	NSYTPLSP3636	-	-
360	540	180	NSYFPLS3654	NSYTPLS3654	NSYTPLSC3654	NSYTPLSP3654	-	-
360	540	230	NSYFPLS3654	-	-	-	NSYTPLS3654A	NSYTPLSC3654A
360	720	230	NSYFPLS3672	-	-	-	NSYTPLS3672A	NSYTPLSC3672A
540	540	180	NSYFPLS5454	NSYTPLS5454	NSYTPLSC5454	NSYTPLSP5454	-	-
540	540	230	NSYFPLS5454	-	-	-	NSYTPLS5454A	NSYTPLSC5454A
540	720	230	NSYFPLS5472	-	-	-	NSYTPLS5472A	NSYTPLSC5472A

Selection guides for mounting plates



6

For installing in the boxes (mm)		Metallic mounting plates		Insulating mounting plates	
Height	Width	Plain	Telequick	Polyester	Bakelite
180	270	NSYPMM1827	NSYPMR1827	NSYMPMA1827	NSYPMB1827
270	270	NSYPMM2727	NSYPMR2727	NSYMPMA2727	NSYPMB2727
270	360	NSYPMM2736	NSYPMR2736	NSYMPMA2736	NSYPMB2736
270	540	NSYPMM2754	NSYPMR2754	NSYMPMA2754	NSYPMB2754
360	360	NSYPMM3636	-	NSYMPMA3636	NSYPMB3636
360	540	NSYPMM3654	NSYPMR3654	NSYMPMA3654	NSYPMB3654
360	720	NSYPMM3672	NSYPMR3672	NSYMPMA3672	NSYPMB3672
540	540	NSYPMM5454	NSYPMR5454	NSYMPMA5454	NSYPMB5454
540	720	NSYPMM5472	NSYPMR5472	NSYMPMA5472	NSYPMB5472



For installing in the boxes (mm)		Modular distribution chassis	No. of rows	No. of 18 mm modules
Height	Width			
180	270	NSYDLS12	1	12
270	270	NSYDLS24	2	24
360	270	NSYDLS242	2	24
		NSYDLS36	3	36
540	270	NSYDLS48	4	48

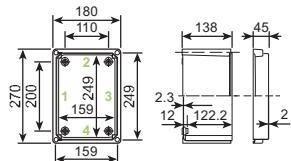
IP 65 insulating modular boxes

Dimensions

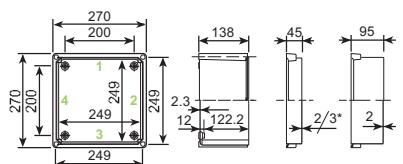
Dimensions (mm)

The surfaces are numbered to enable identification of the surfaces to be drilled in the customised offer.

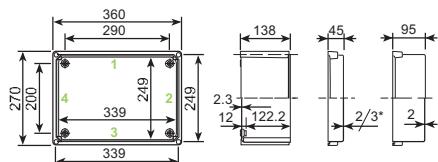
NSYPLS•••1827



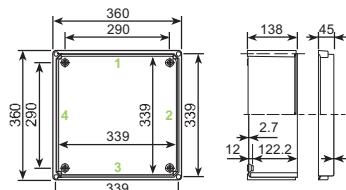
NSYPLS•••2727•



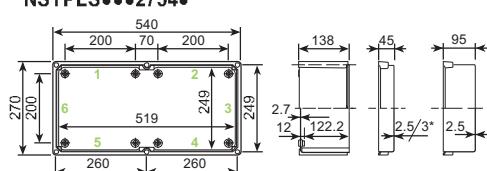
NSYPLS•••2736•



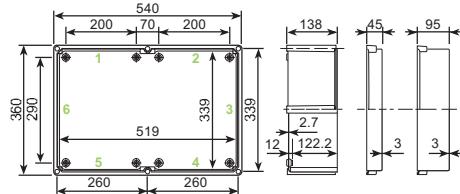
NSYPLS•••3636



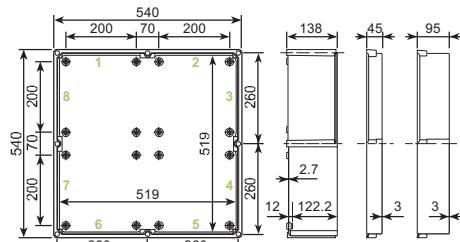
NSYPLS•••2754•



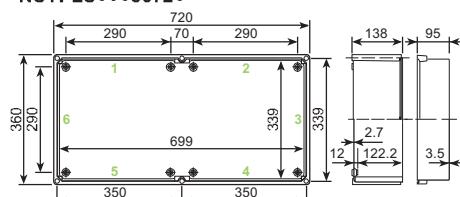
NSYPLS•••3654•



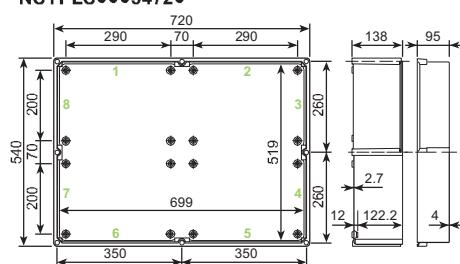
NSYPLS•••5454•



NSYPLS•••3672•

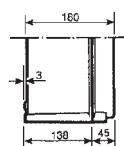


NSYPLS•••5472•

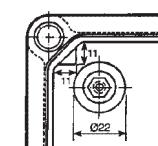


* Thickness of 3 mm for the polyester cover.

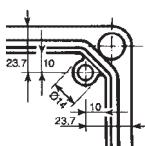
A



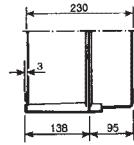
C



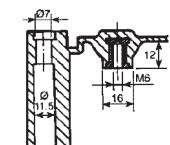
E



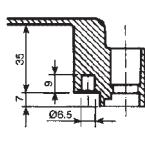
B



D



F



A Bottom and bottom cover.

B Bottom and top cover.

C D Internal view of the corners, details of the bosses with M6 inserts.

E F Internal view of the corners of the polyester covers with bosses for inserts ref. NSYTEX5 for M5 screws.

IP 65 insulating modular boxes

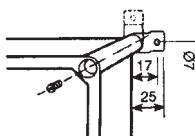
Accessories



Wall-fixing lugs

- Set of 4 lugs and fixings.
- Material: passivated zinc-coated or stainless steel.

Name	References
Steel mounting lugs	NSYPF27N
Stainless-steel mounting lugs	NSYPF27X



Post-fixing device

- Contains all the elements required for mounting on a post.

For installation on a surface with dimensions (mm)	References
270	NSYFSP27270
360	NSYFSP27360
540	NSYFSP27540



Coupling frames

- Coupling frame for an opening of 110 mm (for 180-mm surfaces).
- Coupling frame for an opening of 200 mm (for 270-mm surfaces).
- Coupling frame for an opening of 290 mm (for 360-mm surfaces).
- A sealing gasket is built into the frame with full opening to maintain the protection rating of IP 65.
- 200-mm or 290-mm frame with partial opening: without seal, IP 65 not maintained (to be ordered in multiples of 10).

Opening (mm)	References	
	Full-opening frame	Partial-opening frame
110	NSYUM27180	-
200	NSYUM27270	NSYUCC270
290	NSYUM27360	NSYUCC360



Side plates

- 200-mm cable-gland plate or locking plate for the 270-mm surfaces.
- 290-mm cable-gland plate or locking plate for the 360-mm surfaces.
- IP 65 maintained by a sealing gasket.

Side plates (mm)	References
200	NSYTL27270
290	NSYTL27360

IP 65 insulating modular boxes

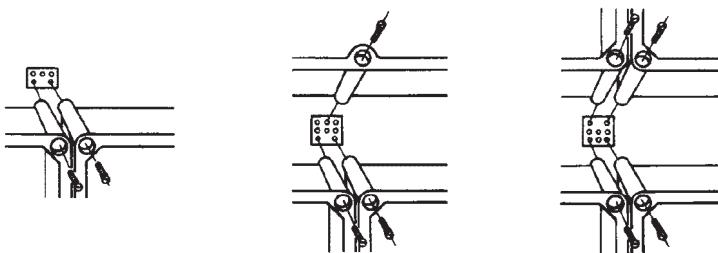
Accessories



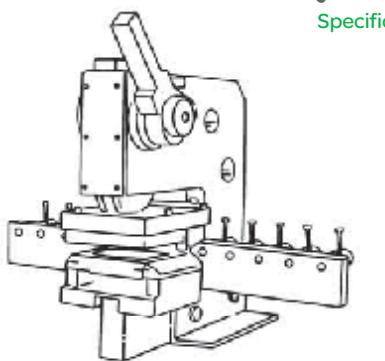
Box coupling unit piece

- For coupling 2, 3 or 4 boxes, with optional wall-mounting.
- To be ordered in multiples of 25.

For coupling	References
2 boxes	NSYPS2C27
3 or 4 boxes	NSYPS4C27



M6 × 8 screw with cylindrical head.



Hinges

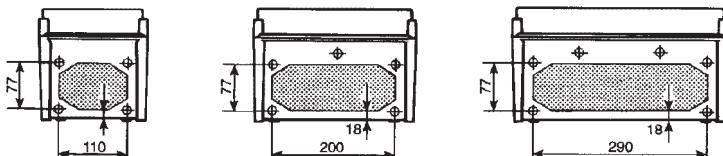
- Set of 2 external hinges made from plastic or internal hinges made from brass.
- To open the door to 180°.

Name	References
External plastic hinges	NSYBE27
Internal brass hinges	NSYBL27

6

Drill holes

- The machining operations on the dimensions of the lateral plates or frames can be specifically produced in our factory.
- The surfaces can be identified by the numbers provided on page 6/9.



Side cut-out press, ref. NSYPU27.

IP 65 insulating modular boxes

Accessories



Closing for PLS boxes

- Set of 4, 6 or 8 screws.
- Three types of screws are available:
 - With slotted head.
 - With wings.
 - With plumbable triangular head.
- Steel plumbing accessory included as standard. Option of using plastic-coated plumbing triangles, ref. **NSYPPS27** (order in multiples of 10).

Name	Tool	References
Set of 4 slotted screws (1)	Flat-blade screwdriver	NSYTCD274
Set of 6 slotted screws (1)	Flat-blade screwdriver	NSYTCD276
Set of 8 slotted screws (1)	Flat-blade screwdriver	NSYTCD278
Set of 4 wing screws (2)	Manual	NSYTCM274
Set of 6 wing screws (2)	Manual	NSYTCM276
Set of 8 wing screws (2)	Manual	NSYTCM278
Set of 4 triangular screws		NSYTCT274
Set of 6 triangular screws	NSYLT27	NSYTCT276
Set of 8 triangular screws		NSYTCT278

(1) Included in the standard references of boxes **NSYPLS*****.

(2) Included in the standard references of modular distribution boxes **NSYPLS***DLS*****.



Closing locks

- Option of installing a side lock, on the opposite side to where the hinges are installed.

Name	Tool	References
Double-bar side lock and handle	NSYDBP	NSYCL27M
Side lock with key 405		NSYCL27L405
Side lock with key 1242E		NSYCL27L1242E

6



Plumbing and opening

Name	References
Plastic-coated plumbing triangle*	NSYPPS27
Triangular key for PLS	NSYLT27

*Order in multiples of 10.



Plastic carrying handle

Name	Reference
Carrying handle	NSYATM27



See also
the accessories

Cable management
page 7/103

Distribution blocks
page 7/96

Ventilation louvres
page 8/29

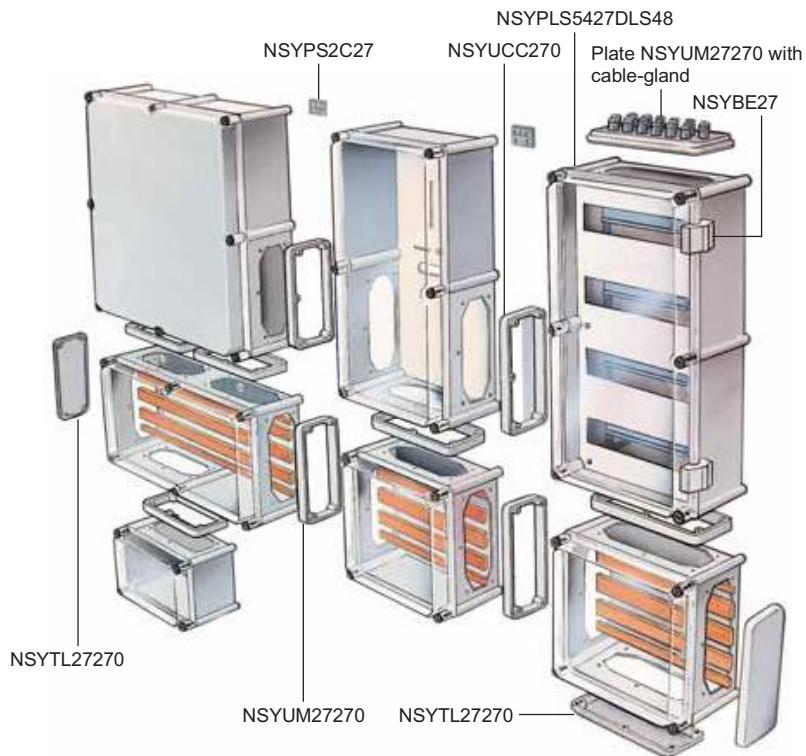
Modular access
window
page 7/135

Door window
page 7/135

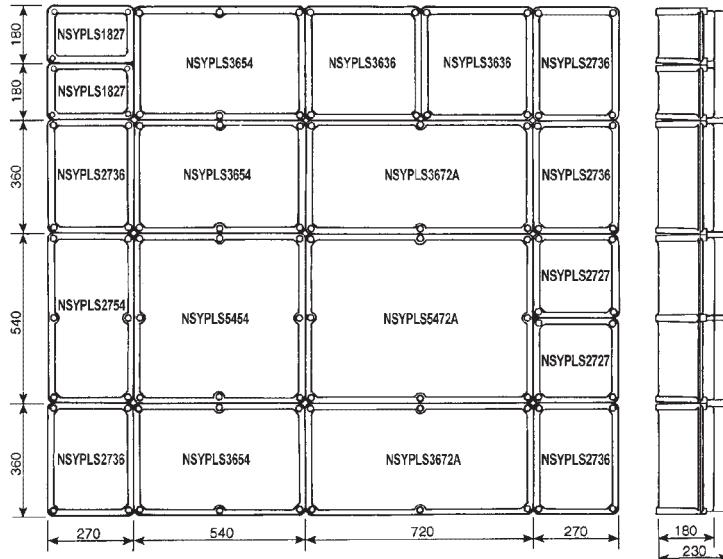
Insulating modular boxes

Accessories

Examples of assembly



All the boxes can be joined by their lateral surfaces, using the coupling frames **NSYUM***** or **NSYUCC*****, and the joining and fixing pieces **NSYPS2C27** and **NSYPS4C27**.



6

Insulators

To form busbars.



NSYAE25

NSYAS25

Insulating modular boxes

Modular distribution application



NSYPLS5427DLS48

Insulating modular boxes with modular distribution chassis

PLS boxes, polyester rear and PC transparent cover with hinges and wing screws for manual opening.

Built-in DLS modular chassis, made up of an insulating protection panel, RAL 7011 colour, 35-mm DIN rails and a $2 \times 16 + 5 \times 6 \text{ mm}^2$ neutral/earth connection strip.

- Opening for cable entry, delivered with lock plate, ref. **NSYTL27270**.
- Double-insulating installation.
- Plastic external hinges, allowing opening to 180° .
- Removable 36-mm blanking covers (2 modules): 1 per row in the standard offer.
- The modular chassis can be ordered separately, see references page **6/8**.

6



Specific

- The boxes can be equipped with a double-bar lock and handle ref. **NSYCL27M**, or a lock with key ref. **NSYCL27L405**, by specific demand.



See also
the accessories

Modular distribution
page 7/73

Insulating modular boxes

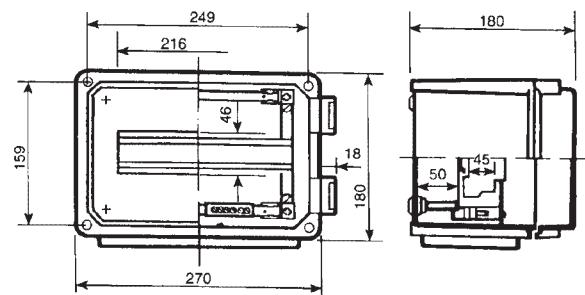
Modular distribution application

Selection guide

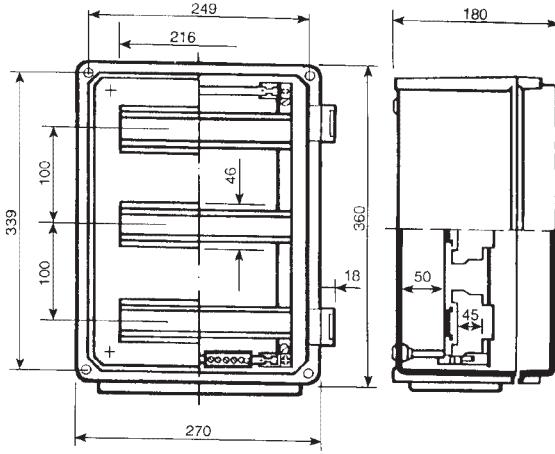
External dimensions (mm)			Number of 18 mm modules	Number of rows	Approximate weight (kg)	References
Height (A)	Width (B)	Depth (C)				
180	270	180	12	1	1.7	NSYPLS1827DLS12
270	270	180	24	2	2.5	NSYPLS2727DLS24
360	270	180	24	2	2.7	NSYPLS3627DLS24
360	270	180	36	3	2.8	NSYPLS3627DLS36
540	270	180	48	4	3.8	NSYPLS5427DLS48

Dimensions (mm)

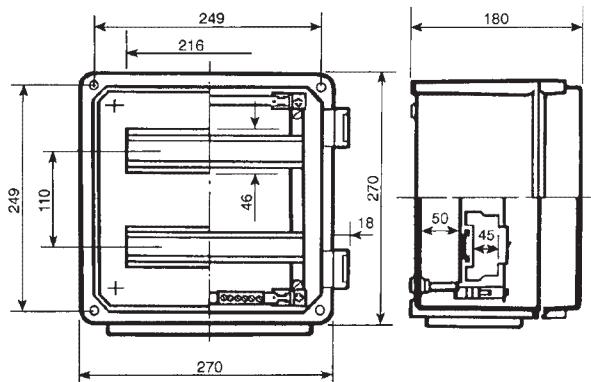
NSYPLS1827DLS12



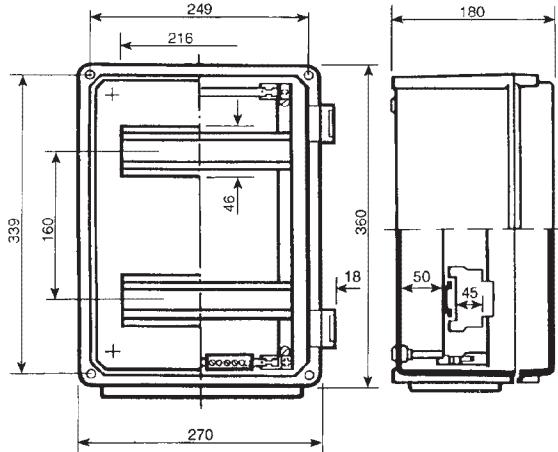
NSYPLS3627DLS36



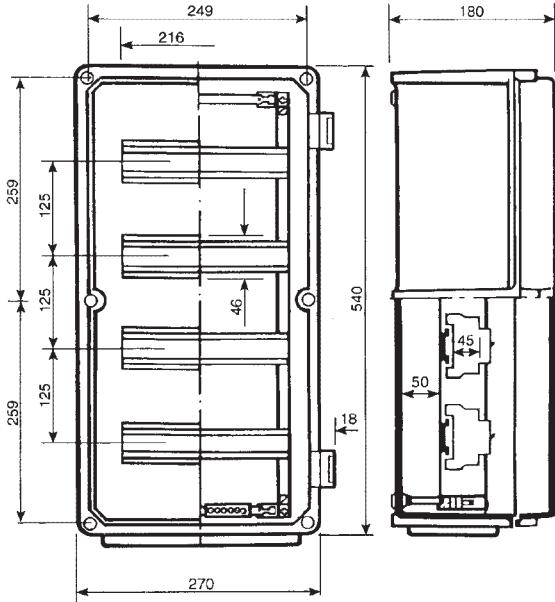
NSYPLS2727DLS24



NSYPLS3627DLS24



NSYPLS5427DLS48



Polyester wall-mounting enclosures

Choice

- 1 ABS/PC version and 7 polyester versions.
- Smooth or glazed door.

6

Smart

- Notches for easy fixing of DIN rails.
- Grid pattern on the rear of the door for marking the machining operations.

Applications

- Industry or infrastructures in harsh environments.
- Indoor or outdoor installation.
- Accessories for modular distribution.

Service life

High resistance to corrosion in harsh environments, maintaining its mechanical properties and insulation.



Protection

- IP 66.
- Polyurethane seal.
- Built-in canopy.
- Lock outside sealed area.

Easy

- Door easily reversible by turning it over.
- Opening to 120° or 180°.
- Easy machining with no corrosion.
- Lightness.

Safety

- Full insulation (to produce class II units).
- Mechanical strength.
- No risk to the public.

Customisation

- Configured: machining and accessories.
- Specific: non-standard colour and accessories.

General characteristics of the Thalassa PLM wall-mounting enclosures:

- Indoor or outdoor use.
- 1 size for the ABS/PC wall-mounting enclosure (310 × 215 × 160 mm).
- 7 sizes of polyester wall-mounting enclosures.
- Monobloc body including the canopies (seal protection), except for wall-mounting enclosure ref. **NSYPLM3025**.
- Doors with polyurethane seal.
- 2 types of doors.
 - Smooth.
 - Transparent (for the ABS/PC enclosure) or glazed (for the polyester enclosures).
- Reversible door opening direction by turning the enclosure over.
- Degree of protection IP 66 according to standard IEC 60529.
- Impact resistance IK 10 for the plain doors and surfaces and IK 08 for the glazed doors of the polyester versions, according to standard IEC 62262.
- Many accessories in common with the range of steel wall-mounting enclosures, Spacial S3D or Spacial CRN.

Properties of the material of the polyester versions

The wall-mounting enclosures are made from polyester reinforced with fibreglass, moulded by hot compression, RAL 7032 colour.

This material:

- Is insulating: several kV per mm.
- Withstands cold and heat in the range of -50 °C...+150 °C.
- Does not soften under intense heat (ball resistance at +150 °C).
- Is self-extinguishing (does not propagate fire): HB40 classification and self-extinguishing in several seconds during the glow-wire test at 960 °C –30 sec.
- Does not contain halogens.
- Releases little smoke and no toxic smoke in the event of combustion.
- Is light.
- Can be machined easily.
- Is corrosion-resistant: no rusting, and can withstand many chemical agents.
- Can resist bad weather.

Characteristics of the production process of the polyester version

The components of the enclosure (body and doors) are moulded by hot compression: the parts have an excellent finish on both sides and can include bosses for accommodating inserts and accessories for mounting or cable-management.

Certificate of conformity with enclosure standard IEC 62208 for:

IP, IK, resistance to heat and fire, insulation 5000 V, resistance to bad weather and corrosion and resistance to internal loads (150 kg/m²) and loads on the door (30 kg/m²).

UL certification and NEMA classification 4x and 13 for the polyester wall-mounting enclosures

Full insulation to produce class II units according to IEC 61439-1

Complies with the RoHS directive

ABS/PC wall-mounting enclosures 310 × 215 mm IP 66

Introduction



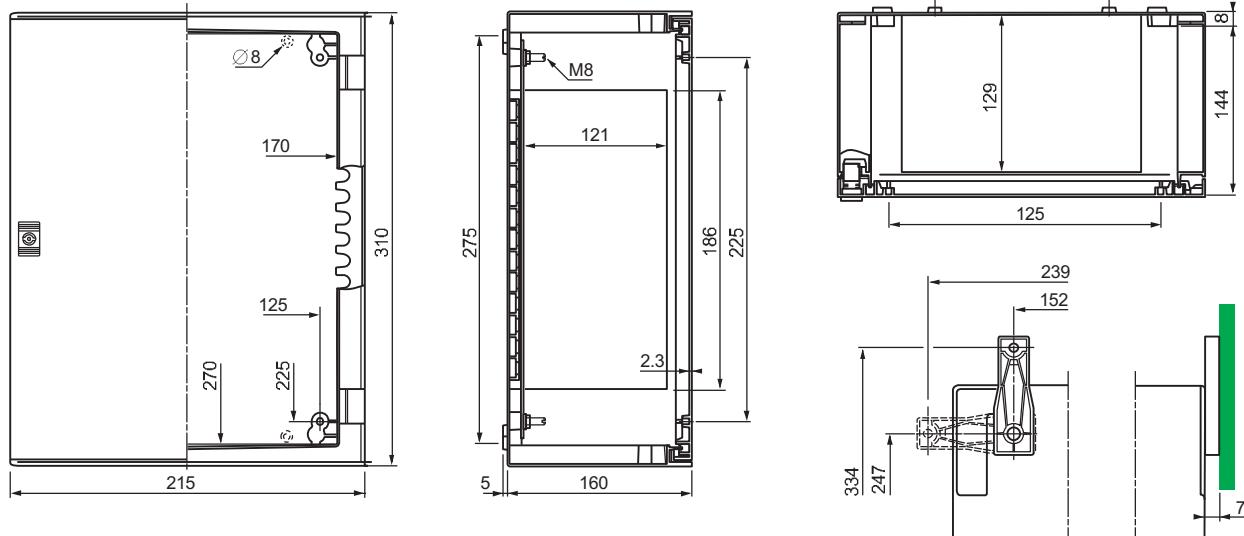
Technical characteristics

- Monobloc wall-mounting enclosure made from ABS/PC, RAL 7032 colour.
- Version with transparent polycarbonate door.
- Closes with a 3-mm double-bar lock.
- Door opening: 180°.
- Degree of protection: -35 °C...+90 °C.
- Protection rating IP 66 according to IEC 60529.
- Resistance to external mechanical impacts of IK 10 (20 joules) according to IEC 62262.
- 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.
- Back of the door with a 25-mm grid pattern.

External dimensions (mm)			References of wall-mounting enclosures with door	
Height	Width	Depth	Plain*	Transparent
310	215	160	NSYPLM32	NSYPLM32T

*These enclosures are also available equipped with metallic or insulating mounting plates. See summary guide of the references on page 6/22.

Dimensions



Polyester wall-mounting enclosures 308 × 255 mm IP 66

Introduction



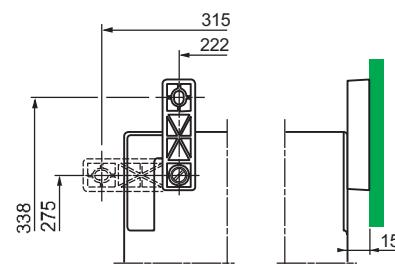
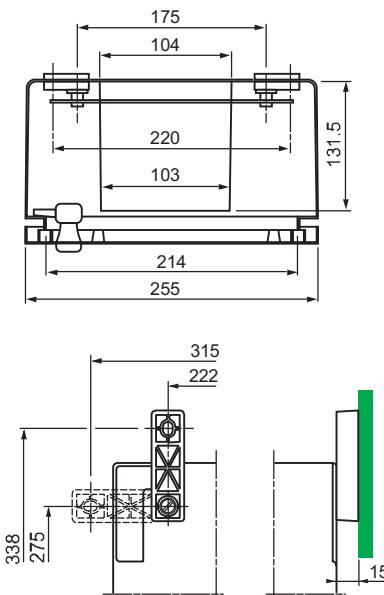
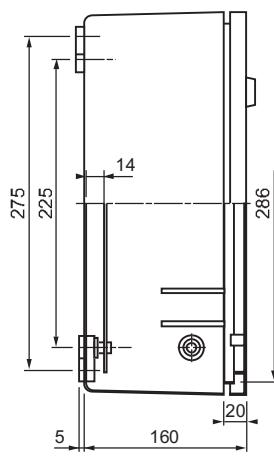
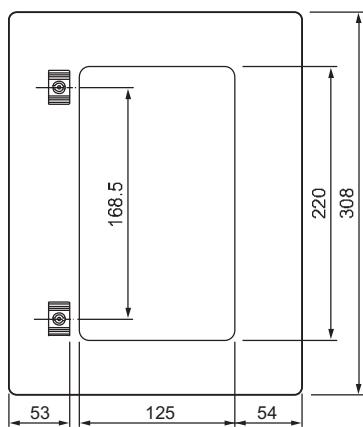
Technical characteristics

- Monobloc wall-mounting enclosure made from polyester reinforced with fibreglass, moulded by hot compression, RAL 7032 grey colour.
- Version with transparent tempered-glass door.
- Degree of protection IP 66 according to IEC 60529.
- Resistance to external mechanical impacts:
 - Plain door enclosures IK 10 (20 joules).
 - Glazed door enclosures IK 08 (5 joules) according to IEC 62262.
- Closes with two 3-mm double-bar locks.
- Door opening angle: 120°.
- Fixing of rear accessories on 4 M8 × 18 studs.
- Grid pattern with a pitch of 50 mm on the back of the door.

External dimensions (mm)			References of wall-mounting enclosures with door	
Height	Width	Depth	Plain*	Transparent
308	255	160	NSYPLM3025	NSYPLM3025T

*These enclosures are also available equipped with metallic or insulating mounting plates. See summary guide of the references on page 6/22.

Dimensions



Polyester wall-mounting enclosures IP 66

Introduction



6

Built-in canopy protecting the door and the sealing gasket.

Two double-bar 3-mm locks outside the sealed zone.

Technical characteristics

- Monobloc wall-mounting enclosure made from polyester reinforced with fibreglass, moulded by hot compression, RAL 7032 grey colour.
- Version with transparent tempered-glass door.
- Degree of protection IP 66 according to IEC 60529.
- Resistance to external mechanical impacts:
 - Plain door enclosures IK 10 (20 joules).
 - Glazed door enclosures IK 08 (5 joules) according to IEC 62262.
- Locking device outside the sealed area, guaranteeing the tightness of IP 66 over time.
- Locking system:
 - 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.
- Fixing of rear accessories on 4 M8 studs, included in the standard supply.
- Direct fixing of symmetrical rails ref. **NSYCS●●●PLM**, with plastic nuts, ref. **NSYTCSPLM**, to be installed in the notches on the rear of the body, with a pitch of 25 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 (A)	Width (B)	Depth (C)	Plain (3)	Plain (1)	Transparent	Transparent (1)
430	330	200	NSYPLM43	NSYPLM43V	NSYPLM43T	NSYPLM43TV
530	430	200	NSYPLM54	NSYPLM54V	NSYPLM54T	NSYPLM54TV
647	436	250	NSYPLM64	NSYPLM64V	NSYPLM64T	NSYPLM64TV
747	536	300	NSYPLM75	NSYPLM75V	NSYPLM75T	NSYPLM75TV
847	636	300	NSYPLM86	NSYPLM86V	NSYPLM86T	NSYPLM86TV
1056	852	350	NSYPLM108 (2)	-	NSYPLM108T (2)	-

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

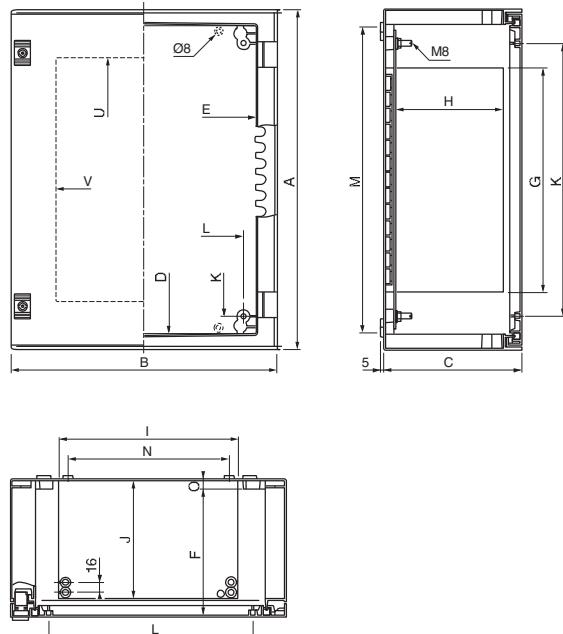
(2) Wall-mounting enclosure with standard 5-mm double-bar lock and lock with 4-point closure.

(3) These enclosures are also available equipped with metallic or insulating mounting plates. See summary guide of the references table on page 6/22.

Polyester wall-mounting enclosures IP 66

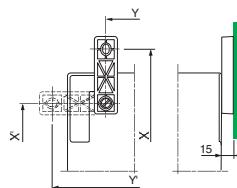
Dimensions

A: Height
B: Width
C: Depth



Dimensions (mm)													Bottom screw and door bosses (mm)	Internal fixing (m)			Glazed door (mm)		References
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	U	V			
430	330	200	380	260	181	247	150	179	168	325	225	375	150	13	273	194	NSYPLM43		
530	430	200	480	360	181	347	150	279	168	425	325	475	250	13	373	294	NSYPLM54		
647	436	250	580	360	228	388	192	279	212	525	325	575	250	13	473	294	NSYPLM64		
747	536	300	680	460	278	487	241	379	261	325	425	675	350	15	573	394	NSYPLM75		
847	636	300	780	560	278	587	241	479	261	725	525	775	450	15	673	494	NSYPLM86		
1056	852	350	980	760	327	775	280	680	300	925	725	975	650	15	854	661	NSYPLM108		

6



External fixing with lugs (mm)				References	
Vertical		Horizontal			
X	Y	X'	Y'		
490	225	355	360	NSYPLM43	
590	325	455	460	NSYPLM54	
690	330	555	465	NSYPLM64	
790	430	655	565	NSYPLM75	
890	530	755	665	NSYPLM86	
1090	750	955	885	NSYPLM108	

Polyester wall-mounting enclosure

Selection guide

Summary guide of the references



External dimensions (mm)			ABS/PC wall-mounting enclosures IP 66		Polyester wall-mounting enclosures IP 66				Wall-mounting enclosures with plain door and mounting plate	
H	W	D	Plain door	Transp. door	Plain door	Transp. door	Plain door 3-point closure	Transp. door 3-point closure	Plain	Bakelite
			Page 6/18		Page 6/19 and 6/20		Page 6/20			
310	215	160	NSYPLM32	NSYPLM32T	-	-	-	-	NSYPLM32P	NSYPLM32B
308	255	160	-	-	NSYPLM3025	NSYPLM3025T	-	-	NSYPLM3025P	NSYPLM3025B
430	330	200	-	-	NSYPLM43	NSYPLM43T	NSYPLM43V	NSYPLM43TV	NSYPLM43P	NSYPLM43B
530	430	200	-	-	NSYPLM54	NSYPLM54T	NSYPLM54V	NSYPLM54TV	NSYPLM54P	NSYPLM54B
647	436	250	-	-	NSYPLM64	NSYPLM64T	NSYPLM64V	NSYPLM64TV	NSYPLM64P	NSYPLM64B
747	536	300	-	-	NSYPLM75	NSYPLM75T	NSYPLM75V	NSYPLM75TV	NSYPLM75P	NSYPLM75B
847	636	300	-	-	NSYPLM86	NSYPLM86T	NSYPLM86V	NSYPLM86TV	NSYPLM86P	NSYPLM86B
1056	852	350	-	-	NSYPLM108	NSYPLM108T	-	-	-	NSYPLM108B

Summary guide of the characteristics

References	NSYPLM32	NSYPLM3025	NSYPLM43/54/64/75/86	NSYPLM108
Dimensions (mm)	310 × 215 × 160	308 × 255 × 160	430 × 330 × 200 to 847 × 636 × 300	1056 × 852 × 350
Material	ABS/PC	Polyester	Polyester	Polyester
Degree of protection	IP 66	IP 66	IP 66	IP 66
Impact protection (1)	IK 10	IK 10	IK 10	IK 10
Built-in canopy	Yes	No	Yes	Yes
Lock (2)	1	2	2	1 (4-point closure)
Closing with handle (3)	-	-	1 (3-point closure)	-
Lock outside the sealed area	No	No	Yes	Yes
Door opening	180°	120°	180°	180°
Notches every 25 mm (4)	Yes	No	Yes	Yes
Grid pattern on the back of the door	25 mm	50 mm	25 mm	25 mm

(1) IK 08 glazed door of the polyester enclosures.

(2) With double-bar insert.

(3) Handle with insert for key 1242 E.

(4) Notches in the rear of the enclosure for quick installation of DIN rails.

6



Specific



Configured

Wall-mounting enclosures with polyester mounting plate, machined or not, see customised offer.

Polyester wall-mounting enclosure

Selection guide

Mounting accessories



External dimensions of the enclosures (mm)			Metallic mounting plates				Insulating mounting plates		Modular distribution chassis	Step slides	Symmetrical DIN rail
H	W	D	Plain	Silkscreened	Microperforated	Telequick	Bakelite	Polyester			
			Page 7/2		Page 7/3		Page 7/4		Page 7/5		
310	215	160	NSYMM32	-	-	NSYMR32	NSYMB32	NSYMP32	-	-	NSYCS200PLM
308	255	160	NSYMM3025	-	-	NSYMR3025	NSYMB3025	NSYMP3025	NSYDPLM18	-	-
430	330	200	NSYMM43	NSYMS43	NSYMF43	NSYMR43	NSYMB43	NSYMP43	NSYDLA24	NSYDPLM200	NSYCS300PLM
530	430	200	NSYMM54	NSYMS54	NSYMF54	NSYMR54	NSYMB54	NSYMP54	NSYDLA48	NSYDPLM200	NSYCS400PLM
647	436	250	NSYMM64	NSYMS46	NSYMF64	NSYMR64	NSYMB64	NSYMP64	NSYDLA48P	NSYDPLM250	NSYCS400PLM
									NSYDLA66 and NSYDLA88	NSYDPLM300	NSYCS500PLM
747	536	300	NSYMM75	NSYMS75	NSYMF75	NSYMR75	NSYMB75	NSYMP75			
847	636	300	NSYMM86	NSYMS86	NSYMF86	NSYMR86	NSYMB86	NSYMP86	NSYDLA84 and NSYDLA112	NSYDPLM300	NSYCS600PLM
1056	852	350	NSYMM108	-	NSYMF108	NSYMR108	NSYMB108	NSYMP108	NSYDLA234	NSYDPLM350	NSYCS800PLM

Main accessories



External dimensions (mm)			Fixing lugs	Post-fixing device	Floor-mounting pillar	Coupling frame	Cable-gland plate	Internal door	Blanking plates
H	W	D							
310	215	160	NSYPFPLM32	-	-	-	-	-	NSYCEPLMA
308	255	160	NSYPFPLM	-	-	-	-	-	NSYPA3025PLM
430	330	200	NSYPFPLM	NSYSFP300	-	-	-	-	NSYCEPLMB
530	430	200	NSYPFPLM	NSYSFP400	NSYSFSPLM	-	-	-	NSYCEPLMB
647	436	250	NSYPFPLM	NSYSFP400	NSYSFSPLM	-	-	-	NSYCEPLMC
747	536	300	NSYPFPLM	NSYSFP500	-	NSYBULPM	NSYTLA4420	NSYPAP75	NSYCEPLMC
847	636	300	NSYPFPLM	NSYSFP600	-	NSYBULPM	NSYTLA4420	NSYPAP86	NSYCEPLMC
1056	852	350	NSYPFPLM	-	-	NSYBU108PLM	NSYTLA6420	NSYPAP108	-

6

Water drain plug	Rail-fixing nuts	Ventilation louvre
Page 6/30	Page 6/29	Page 6/30

Composition accessories



Coupling accessories

Coupling frame

- Allows the lateral coupling of 2 enclosures.
- Polyester frame, RAL 7032 colour and fixings.
- A built-in sealing gasket guarantees a protection rating of IP 66.

External dimensions (mm)	Entry	For wall-mounting enclosure	References
435 × 185 × 15	398 × 148	NSYPLM75 and NSYPLM86	NSYBUPLM
635 × 185 × 15	598 × 148	NSYPLM108	NSYBU108PLM



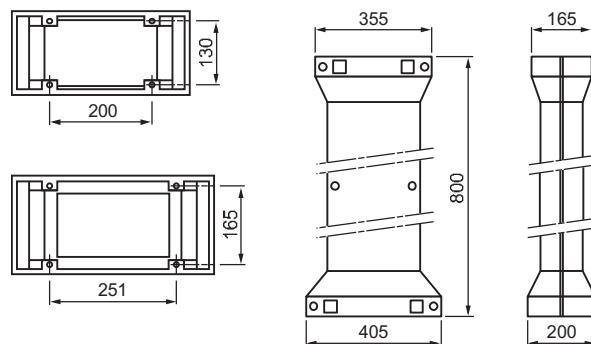
6

Base accessories

Floor-mounting pillar

- To protect cables entering the enclosure in outdoor installations.
- Material: polyester reinforced with fibreglass. RAL 7032 grey colour.
- Delivered with steel frame for secure fixing to the floor.
- Cable entry section: 165 × 100 mm.
- For enclosures ref. NSYPLM54, NSYPLM54T, NSYPLM64 and NSYPLM64T.

Name	Reference
Floor-mounting pillar	NSYSFSPLM



Cable-entry accessories



Cable-gland plates

- Material: polyester.
- Dimensions: 435 × 185 mm and 635 × 185 mm.

For wall-mounting enclosures	References
NSYPLM75 and NSYPLM86	NSYTLA4420
NSYPLM108	NSYTLA6420



Cable entries
page 7/102

See also
the accessories

Composition accessories

Fixing accessories



The enclosures can be mounted directly on the walls. The seals and caps supplied as standard with the enclosure guarantee that it maintains its degrees of protection and insulation.



Wall-fixing lugs

- Set of 4 wall-fixing lugs.
- Mounted directly on the enclosure, either in horizontal position or in vertical position.
- Available in 2 versions, polyester loaded with fibreglass or stainless steel.
- Delivered with fixings.
- Acceptable load of 300 kg in vertical position and 100 kg in horizontal position.

Material	References
Polyester*	NSYPFPLM
Stainless steel	NSYPFXPLM

*Single reference in polyester, ref. NSYPFPLM32, for enclosure ref. NSYPLM32 and NSYPLM32T.



Post-fixing device

- For outdoor installations on a post with a maximum circumference of 675 mm, Ø 215 mm.
- Material: galvanised steel.
- Supply of the rail, the strips and the fixings.
Maximum load: 100 kg.

For wall-mounting enclosure	References
NSYPLM43	NSYSFP300
NSYPLM54 and NSYPLM64	NSYSFP400
NSYPLM75	NSYSFP500
NSYPLM86	NSYSFP600

6



Blanking plates

- Made from thermoplastic material, 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. NSYPLM108.

For wall-mounting enclosure	References
NSYPLM32	NSYCEPLMA
NSYPLM43 and NSYPLM54	NSYCEPLMB
NSYPLM64, 75 and 86	NSYCEPLMC

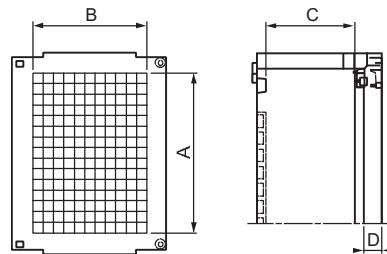
Composition accessories

Door and door accessories



Internal door

- Reversible door made from polyester reinforced with fibreglass, self-extinguishing, RAL 7032 grey.
- Grid pattern with a pitch of 25 mm for easier marking out before drilling.
- Closes with 2 double-bar locks.
- Door handle.
- Delivered with fixings and brass inserts.
- Steel internal door, without grid pattern and locking by a screw, for enclosures ref. **NSYPLM3025**.
- Incompatible with the modular distribution chassis.



For wall-mounting enclosure (mm)		Dimensions (mm)				References
Height	Width	A	B	C	D	
308	255	248	165	62	76	NSYPA3025PLM
430	330	315	205	152	26	NSYPAP43
530	430	415	305	152	26	NSYPAP54
645	435	515	305	194	32	NSYPAP64
745	535	615	405	244	32	NSYPAP75
845	635	715	505	244	32	NSYPAP86
1055	850	850	650	269	37	NSYPAP108

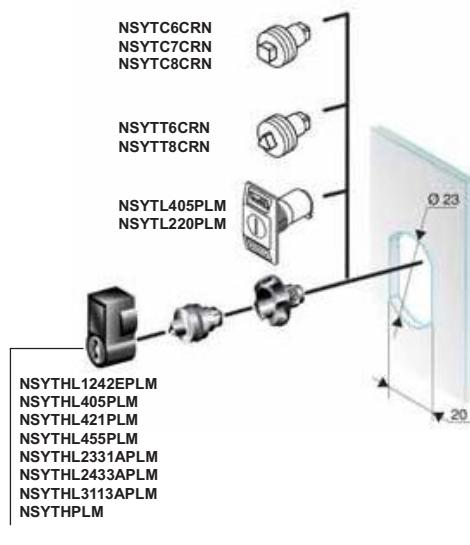
Composition accessories

Locking system

Locks and inserts for enclosures with H ≤ 847 mm



- The ABS/PC 310 × 215 mm enclosure is supplied with a lock with a double-bar insert as standard.
- The 308 × 255 mm enclosure is supplied with two locks with a double-bar insert as standard.
- The polyester enclosures from 430 to 847 mm high are delivered as standard with:
 - 2 locks with double-bar insert, ref. **NSYCDBPLM**.
 - Or a 3-point closure with handle and lock with key 1242 E (enclosures **NSYPLM••V**).
- Double-bar insert ref. **NSYTDBCRN**, is placed in a rectangular escutcheon.
- A plastic key, ref. **NSYDBP**, enabling the opening of the double-bar insert, is included in the standard supply. This key can be fixed to the double-bar system to remain on the enclosure and be used as a handle.



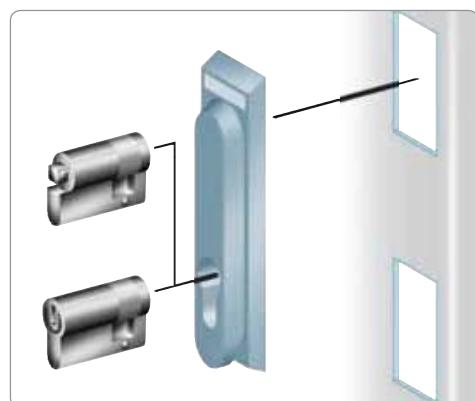
Options to transform the locks with double-bar inserts

- Changing the shape inserts for locks with keys according to the following table:

Name	References
6-mm male square	NSYTC6CRN
7-mm male square	NSYTC7CRN
8-mm male square	NSYTC8CRN
6.5-mm male triangle	NSYTT6CRN
8-mm male triangle	NSYTT8CRN
Lock and key 405	NSYTL405PLM
Lock and key 220	NSYTL220PLM

- Replacement for locking handle with cylindrical barrel, delivered with all the parts required to change the lock.

Type of barrel	References
Key 1242 E	NSYTHL1242EPLM
Key 405	NSYTHL405PLM
Key 421	NSYTHL421PLM
Key 455	NSYTHL455PLM
Key 2,331 A	NSYTHL2331APLM
Key 2,433 A	NSYTHL2433APLM
Key 3113 A	NSYTHL3113APLM
Manual	NSYTHPLM



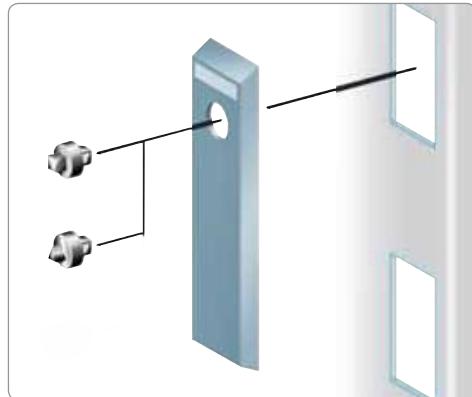
Options to transform versions NSYPLM••V, with retractable handle and 3-point closure

- Transformation of the standard insert (barrel for key 1242E, ref. **NSYTL1242EME**) for other shape inserts or barrels according to the following table:

Name	References
5-mm double bar	NSYTDB5ME
6-mm male square	NSYTC6ME
7-mm male square	NSYTC7ME
8-mm male square	NSYTC8ME
6.5-mm male triangle	NSYTT6ME
8-mm male triangle	NSYTT8ME
Barrel and key 405	NSYTL405ME
Reinforced key and barrel	NSYTLRME
JIS key and barrel	MSYTLJISME
Manual	MNSYTMME

Composition accessories

Locking system



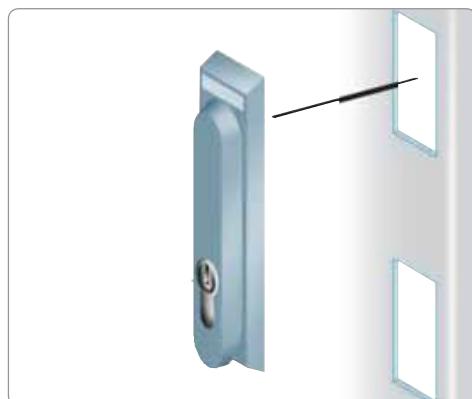
Locks and inserts for enclosures NSYPLM108/T

- Enclosures delivered as standard with 5-mm double-bar insert.
- Insert ref. **NSYTDB5PL**, placed in a long rectangular escutcheon, activates a 4-point closure system.

Options to transform the insert

- The standard insert can be replaced with other shape inserts, according to the following table:

Name	References
6-mm male square	NSYTC6PL
7-mm male square	NSYTC7PL
8-mm male square	NSYTC8PL
6.5-mm male triangle	NSYTT6PL
7-mm male triangle	NSYTT7PL
8-mm male triangle	NSYTT8PL



Options to transform for a retractable handle

- The escutcheon and rosette assembly can be replaced with a lock with retractable handle equipped with inserts or barrels, according to the following table:

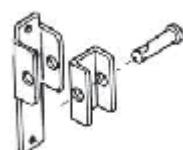
Name	References
5-mm double bar	NSYTEDB5PL
6-mm male square	NSYTEC6PL
7-mm male square	NSYTEC7PL
8-mm male square	NSYTEC8PL
6.5-mm male triangle	NSYTET6PL
7-mm male triangle	NSYTET7PL
8-mm male triangle	NSYTET8PL
Lock key 1242 E	NSYTEL1242EPL
Barrel and key 405	NSYTEL405PL
Reinforced key and barrel	NSYTERPL
JIS key and barrel	NSYTELJISPL
FAC key and barrel	NSYTELFACPL
Manual	NSYTEMPL

6



Padlocking accessories

- Padlocking system, ref. **NSYKPLM**, positioned around the rectangular escutcheon of the enclosures with a height of ≤ 847 mm to block access to the lock; for a $\varnothing 9$ mm padlock.



- Padlocking system, ref. **NSYBCPL**, positioned around the long rectangular escutcheon of the enclosures ref. **NSYPLM108/T**, to block access to the lock; for a $\varnothing 9$ mm padlock.



- Padlocking system, ref. **NSYBCME**, to block access to the retractable handle, for the versions **NSYPLM••V** or optionally for enclosures ref. **NSYPLM108/T**, for a $\varnothing 9$ mm padlock.

Mounting accessories

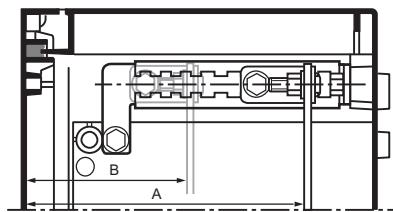


Step slides

For depth adjustment of the mounting plate

- Kit including 4 step slides with brackets, allowing depth adjustment with a pitch of 12.5 mm, and the fixings required for the installation.
- Material: galvanised steel.
- Incompatible with the modular distribution chassis.

For wall-mounting enclosure Depth (mm)	Depth adjustment		References
	Dimension A (mm)	Dimension B (mm)	
200	156	94	NSYDPLM200
250	200	100	NSYDPLM250
300	250	100	NSYDPLM300
350	306	106	NSYDPLM350



Plastic nuts for rail fixing



- They slide directly into the notches, with a pitch of 25 mm, which are located on the rear of the enclosures, except enclosure ref. NSYPLM3025/T. They allow direct fixing of symmetrical DIN rails by self-tapping screws. Option of raising the rails with an M6 spacer using a plastic nut containing an M6 nut.
- To be ordered in multiples of 20.

Name	References
Plastic nut with self-tapping screw	NSYTCSPLM
Plastic nut containing an M6 metal nut	NSYTCM6PLM



35-mm symmetrical DIN rails

- They are fixed to the rear of the enclosure without uprights, with a pitch of 25 mm for the notches on the rear of the enclosure, with the help of direct-fixing nuts ref. NSYTCSPLM or NSYTCM6PLM.
- Treated steel.
- To be ordered in multiples of 2.

Rail length (mm)	For wall-mounting enclosure	References
	Width (mm)	
215	180	NSYCS200PLM
330	280	NSYCS300PLM
430 / 435	380	NSYCS400PLM
535	480	NSYCS500PLM
635	580	NSYCS600PLM
850	795	NSYCS800PLM



See also
the accessories

Vertical rails
page 7/8

Rails
page 7/50

Screws
page 7/67

Cable management
Cable holding
page 7/115

Accessories

Diverse



NSYTEX8 NSYTEX6 NSYTEX5



NSYCAG35LP



NSYVEA9

6



See also
the accessories

Fixing inserts

- Expanding inserts for addition to the M6 bosses of the enclosure, the M5 or M6 bosses of the door and the M8 bosses of the external rear part of the enclosure.
- M5 and M6 inserts to be ordered in multiples of 20.
- M8 inserts to be ordered in multiples of 8.

Insert size	For wall-mounting enclosure	References
M5	NSYPLM43 and NSYPLM54	NSYTEX5
M6	NSYPLM64 and NSYPLM108	NSYTEX6
M8	For the rear of the enclosure	NSYTEX8

Ventilation louvres

- They can be positioned inside the wall-mounting enclosures with heights of 430 to 846 mm, allowing ventilation through the channels of the enclosure.
- The IP on the rear of the enclosures is IP 44.
- The reference consists of two ventilation louvres.



Name	Reference
Ventilation louvres	NSYCAG35LP

Ventilation louvres, airing devices with filters, fans and thermal adjustment accessories, see ClimaSys section.

Water drain plug

- For drainage of condensation water.
- It is placed in the Ø 9 mm housing at the bottom of the enclosure.
- IP 55.
- To be ordered in multiples of 10.

Name	Reference
Water drain plug	NSYVEA9

Renovation and anti-graffiti paint

- Paint system with 2 components (base 80% + hardener 20%), specially designed for polyester enclosures, for their renovation and/or as prevention to allow easy removal of graffiti.
- The 1 kg reference includes 1 pot with 800 g of base paint and 200 g of hardener. It is enough to paint a surface of around 5 m².
- The 5 kg reference includes 1 pot with 4 kg of base paint and 1 kg of hardener. It is enough to paint a surface of around 25 m².
- RAL 7032 colour.
- Solvent for diluting the paint and cleaning the utensils.

Name	References
Anti-graffiti paint 1 kg	NSYAUPG1
Anti-graffiti paint 5 kg	NSYAUPG5
Anti-graffiti paint solvent 500 g	NSYAUPGS



Power distribution rails
page 7/125

Lighting
page 7/126

Power distribution accessories

Modular distribution accessories

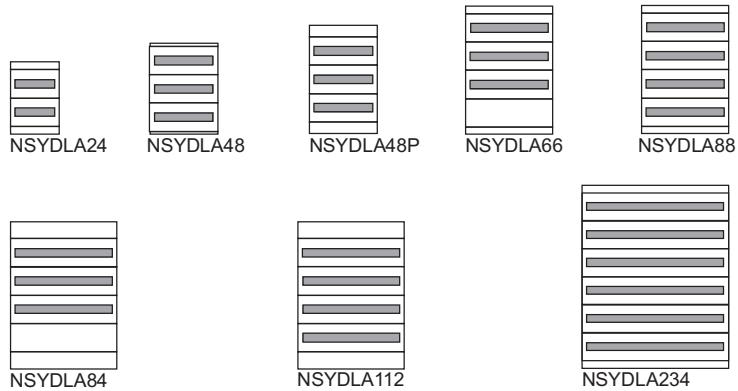


Technical characteristics

Dinimel DLA modular chassis

- Front panels and finish covers, made from self-extinguishing insulating material RAL 7032 colour. Rigid galvanised-steel structure, for the installation of modular devices.
- Open front panels with 35-mm DIN rail and plain front panels with mounting plate, according to the model.
- Quick installation with no fixings.
- Shoulder height adjustable from 40 to 85 mm.
- System for standard circuit marking.
- Incompatible with the internal doors and the step slides.
- Neutral / earth strip: $2 \times 16 \text{ mm}^2 + 5 \times 6 \text{ mm}^2$.

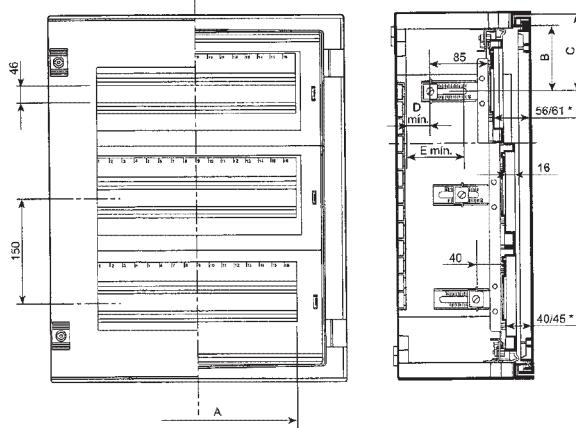
A	B	C	D min.	E min.	No. of rows	Distribution rows			For installation in the enclosures		References	
						Support rail		No. of plates				
						Amount	Number of 18-mm modules	Plain door	Glazed door			
216	115	137	38	88	2	2	24	—	NSYPLM43	NSYPLM43T	NSYDLA24	
286	90	112	38	88	3	3	48	—	NSYPLM54	NSYPLM54T	NSYDLA48	
286	140	170	80	130	3	3	48	—	NSYPLM64	NSYPLM64T	NSYDLA48P	
395	115	145	129	179	4	3	66	1	NSYPLM75	NSYPLM75T	NSYDLA66	
395	115	145	129	179	4	4	86	—	NSYPLM75	NSYPLM75T	NSYDLA88	
504	165	195	129	179	4	3	84	1	NSYPLM86	NSYPLM86T	NSYDLA84	
504	165	195	129	179	4	4	112	—	NSYPLM86	NSYPLM86T	NSYDLA112	
704	115	146	170	220	6	6	234	—	NSYPLM108	NSYPLM108T	NSYDLA234	



Power distribution accessories

Modular distribution accessories

Dimensions (mm)



* Models NSYDLA48P, 66, 88, 84 and 112.



Plain front panels for Dinimel DLA chassis

- Front panel made from RAL 7032 self-extinguishing insulating material for non-modular device protection, on one row.
- To be ordered in multiples of 2.

For installing on the chassis	Width (mm)	References
NSYDLA24	256	NSYCTL300DLA
NSYDLA48 and NSYDLA48P	356	NSYCTL400DLA
NSYDLA66 and NSYDLA88	456	NSYCTL500DLA
NSYDLA84 and NSYDLA112	555	NSYCTL600DLA
NSYDLA234	755	NSYCTL800DLA

6



Mounting plate for Dinimel DLA chassis

- Galvanised-steel mounting plate for mounting non-modular devices, on one row.
- To be ordered in multiples of 2.

For installing on the chassis	Width (mm)	References
NSYDLA48 and NSYDLA48P	315	NSYPMP400DLA
NSYDLA66 and NSYDLA88	415	NSYPMP500DLA
NSYDLA84 and NSYDLA112	514	NSYPMP600DLA
NSYDLA234	714	NSYPMP800DLA

Modular distribution chassis for enclosure ref. PLM3025/T

- Metal chassis and protective plate in insulating material.
- For mounting modular devices on two rows of nine 18-mm modules.

Name	Reference
Modular distribution chassis	NSYDLPLM18



Modular distribution
accessories
page 7/73

See also
the accessories

Polyester enclosures

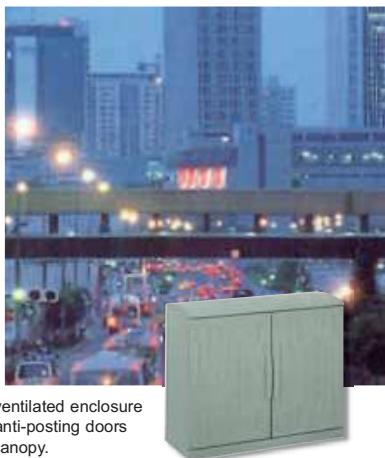
Installation examples



Outdoor installation, with exposure to atmospheric conditions: mist, solar radiation, extreme temperatures, etc.

Schneider Electric enclosures made from insulating materials are designed to protect your equipment in harsh environments or in contact with the public:

- Infrastructures: protection against bad weather (solar radiation, rain, etc.), impacts, saline atmospheres, etc.
- Transport: resistance to UV, salt mist, tightness and impact resistance, etc.
- Water: resistance to corrosion, resistance to impact and UV, resistance to chemical substances, etc.
- Outdoor telecom and networks: resistance to UV, resistance to corrosion, protection of 19-inch accessories, etc.
- Power: resistance to impact, to salt mist, etc.
- Public lighting: anti-vandalism, anti-posting, UV resistance, etc.
- Industries in aggressive environments: resistance to corrosion, to chemical substances and protection against electrical hazards.

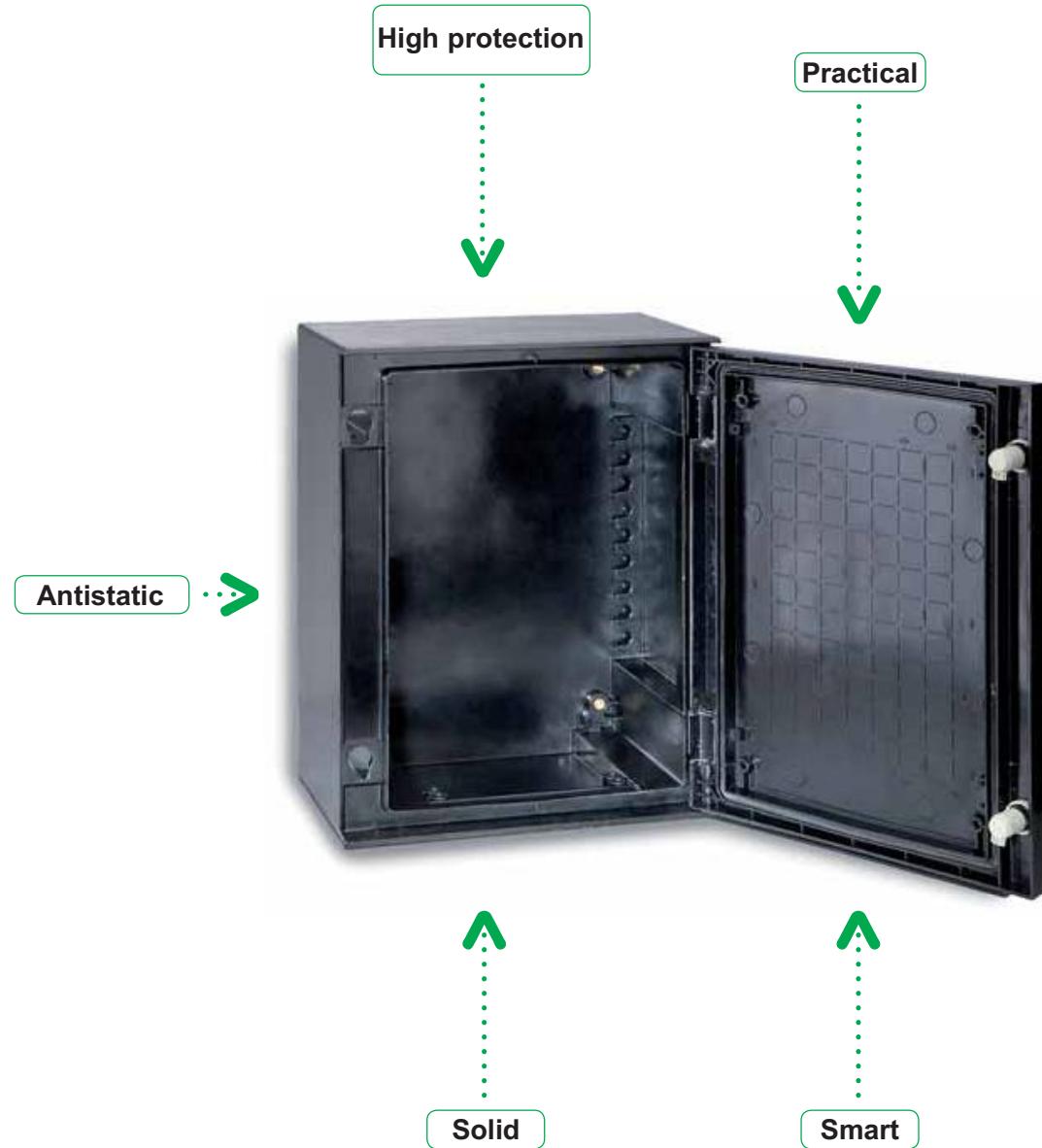


Self-ventilated enclosure with anti-posting doors and canopy.



Indoor or outdoor installation on industrial zones in aggressive environments.

Thalassa PLMEX polyester wall-mounting enclosure compliant with the ATEX directive



High protection:

Built-in canopy.

High degree of protection: IP 66.

Locks outside the sealed zone.



Solid:

Single-piece body.

IK 10.

Corrosion-resistant pin.

Practical:

Opens to 180°.

Can open to right or left by turning the enclosure over.



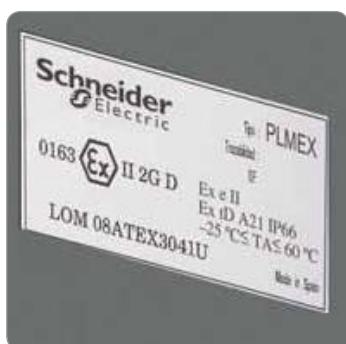
Smart:

Chequered back of the door.

One notch every 25 mm for easy mounting of a DIN rail.

Antistatic:

No static electricity thanks to the presence of graphite additives in the polyester.



Specific ATEX marking.

6



Delivered in a
reusable cardboard
box with technical
instructions
enclosed.

Thalassa PLMEX polyester wall-mounting enclosure

Introduction



6

The enclosures must be fixed by 4 stainless-steel lugs, which are mounted in inserts to be placed on the rear of the enclosure, in horizontal or vertical position.
Ref.: NSYPLFXPLM.

Technical characteristics

The Thalassa.ATEX range of polyester enclosures is certified by the LOM with no. LOM 08ATEX3041U (component certificate).

The enclosures have the following marks:
 Ex II 2 GD Ex e II Ex tD A21 IP 66 according to ATEX directive 94/9/EC and standards EN 60079-0 (2004), EN 60079-7 (2006), EN 61241-0 (2005) and EN 61241-1 (2004).



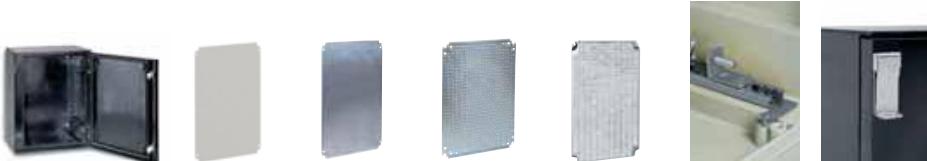
Download our ATEX certificates and product sheets over the Internet.

Specifications	NSYPLMEX3025	NSYPLMEX43/54/64/75/86	NSYPLMEX108
Degree of protection	IP 66	IP 66	IP 66
Impact resistance	IK 10	IK 10	IK 10
Built-in canopy	No	Yes	Yes
Opening	120°	180°	180°
Pins	Stainless steel	Polyamide	Stainless steel
Locking system	2 double-bar lock	2 double-bar lock	1 lock with double-bar insert and 4-point closure
Lock outside sealed zone	No	Yes	Yes
Notch system for DIN rails every 25 mm	No	Yes	Yes
Mounting plate assembly	Installed studs	Inserts and studs	Inserts and studs

Specific ATEX characteristics

- The surface resistance is < 10⁹ Ω.
- Ambient temperature limits:
 $-25^{\circ}\text{C} \leq \text{Ta} \leq +60^{\circ}\text{C}$.
- Black colour.

Selection guide for wall-mounting enclosures and main accessories



External dimensions (mm)			References	Metallic mounting plate references				References		
Height	Width	Depth		Enclosures	Plain	Silkscreened	Microperforated	Telequick	Step slides	Padlocking
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



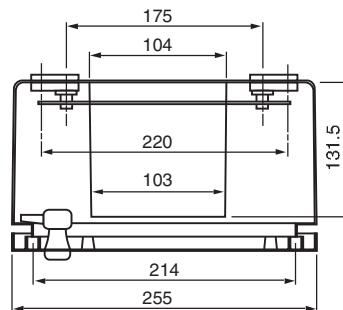
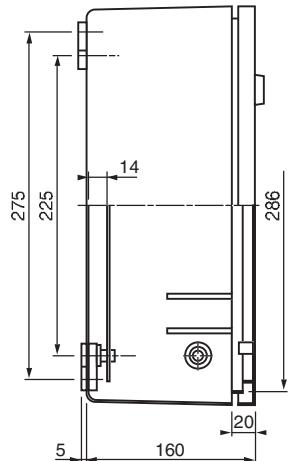
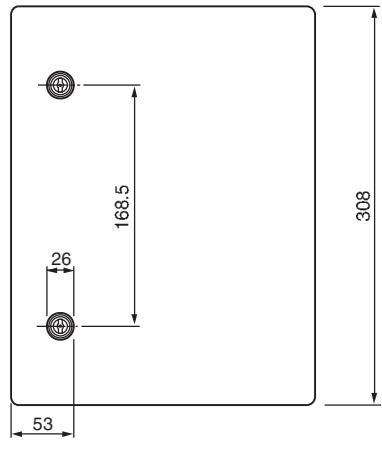
Accessories for Thalassa PLM enclosures can be installed in Thalassa PLM enclosures. However, plastic accessories should not be used, due to the risk of a static charge.

Thalassa PLMEX

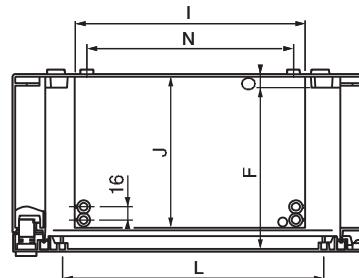
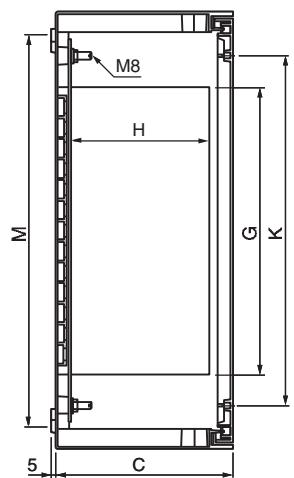
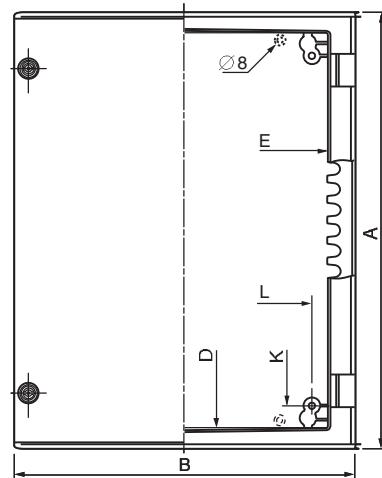
Thalassa PLMEX polyester wall-mounting enclosure

Dimensions

Ref. NSYPLMEX3025



Ref. NSYPLMEX43/54/64/75/86/108*



*

Dimensions												Bottom screw and door bosses	Fixing	References
A	B	C	D	E	F	G	H	I	J	K	L	O		
430	330	200	380	260	181	247	150	179	168	325	225	13	NSYPLMEX43	
530	430	200	480	360	181	347	150	279	168	425	325	13	NSYPLMEX54	
647	436	250	580	360	228	388	192	279	212	525	325	13	NSYPLMEX64	
747	536	300	680	460	278	487	241	379	261	625	425	15	NSYPLMEX75	
847	636	300	780	560	278	587	241	479	261	725	525	15	NSYPLMEX86	
1056	852	350	980	760	327	775	280	680	300	925	725	15	NSYPLMEX108	

Polyester floor-standing enclosures

Safety

- Full insulation (to create class II units).
- No risk to the public.
- Lock with 2 or 4-point closure.

Service life

High resistance to corrosion in harsh environments, maintaining its mechanical and insulation properties.

Protection

- IP 44 or 54 and IP 65 in the industrial version.
- Polyurethane gasket.
- Lock outside sealed area.

Choice

4 enclosure versions, available in 40 dimensions with 3-door versions.

Smart

- Door with rippled surface to avoid posting.
- Reversible door (1-door enclosure).
- Numerous fixing bosses on the doors and panels.

6

Easy

- Opening to 120° or 180°.
- The central upright can be removed.
- Numerous fixing points.

Applications

- Industry or infrastructures in harsh environments.
- Accessories for modular distribution and 19".

Customisation

- Configured: machining and accessories.
- Specific: non-standard colours and accessories.
- Every possible combination of versions and doors, front and rear, not included in the standard offer.



General characteristics of the floor-standing enclosure

- Indoor or outdoor use.
- 4 versions:
 - Completely sealed enclosure (PLA version).
 - Enclosure with ventilated canopy (PLAT version).
 - Enclosure with plinth-type open bottom (PLAZ version).
 - Enclosure with plinth-type open bottom and ventilated canopy (PLAZT version).
- Note: The first letters of the references relate to the version.
- 40 dimensions:
 - 5 heights from 500 to 1500 mm.
 - 4 widths: 500 and 750 (1 door), 1000 and 1250 mm (2 doors).
 - 2 depths: 320 and 420 mm.
- Note: The figures included in the references of the enclosures and products of the range represent the dimension in dm of the product in question.
- The 2-door enclosures comprise a central upright, which can be removed in certain conditions. Please contact us.
- 3 types of door:
 - Plain door.
 - Door with transparent window (index T at the end of the reference).
 - Door with anti-posting surface (index R at the end of the reference).
- Protection degree IP 65 or IP 54 according to standard IEC 60529.
- Impact resistance IK 10 for the plain doors and all sides and IK 08 for the glazed door.
- 2-point closure for heights of 500 and 750 mm and 4-point closure points for heights \geq 1000 mm.

Characteristics of the material

The floor-standing enclosures are made from polyester reinforced with fibreglass, moulded by hot compression, RAL 7032 grey. This material:

- Is insulating: several kV per mm.
- Can be machined easily.
- Is resistant to corrosion: does not rust and can withstand many chemical substances.
- Resists bad weather (rain, UV).
- Withstands cold and heat in the range of -50 °C...+150 °C.
- Does not soften under heat (ball resistance at +150 °C).
- Is self-extinguishing (does not propagate fire: HB40 classification and self-extinguishing in several seconds during the glow-wire test at 960 °C during 30 s.).
- Does not contain halogens.
- Releases little smoke and nontoxic smoke in the case of combustion.
- Is light.

Characteristics of the production process

The components of the enclosures (the various sides and doors) are moulded by hot compression: the pieces have an excellent finish on both sides and can include numerous bosses for accommodating inserts and mounting or cable-management accessories.

Complies with enclosure standard IEC 62208 for:

IP, IK, resistance to heat and fire, insulation 5000 V, resistance to bad weather and corrosion and resistance to internal loads (150 kg/m²) and loads on the door (30 kg/m²).

Full insulation to create class II units according to IEC 64139-1

UL certification and NEMA classification 4X, 5, 12 and 13, depending on the version

Complies with the RoHS Directive

Completely sealed enclosures, IP 65

Introduction



Completely sealed enclosure with plain door.



Transparent door made from polyester and tempered glass.



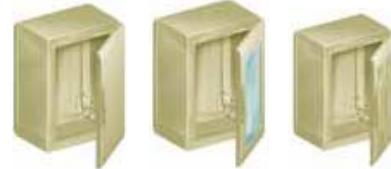
Escutcheon with double-bar insert.



Detail from the internal locking system.

Characteristics of the PLA version

- Enclosure obtained by assembling:
- 1 sealed top part.
- 1 sealed bottom part.
- 2 side parts.
- 1 or 2 rear panels (according to width).
- 1 or 2 doors (according to width).
- Indoor use.
- Outdoor use possible with a canopy (to be ordered separately).
- Protection degree IP 65 according to IEC 60529.
- Locking system with escutcheon and 5-mm double-bar insert, included in the standard supply. Other inserts or locks with handles optionally available.
- Door opening to 120°.
- Direct fixing to the floor or by means of a plinth with a height of 60 mm, as an option.
- Possibility of fixing on a semi-embedded plinth, see page 6/51.
- Optional wall-fixing lugs.



Height	Width	Depth	Nº of doors	External dimensions (mm)			References of enclosures with door		
				Plain	Glazed	Anti-posting	Plain	Glazed	Anti-posting
500	500	320	1	NSYPLA553	NSYPLA553T	NSYPLA553R			
500	500	420	1	NSYPLA554	NSYPLA554T	NSYPLA554R			
500	750	320	1	NSYPLA573	NSYPLA573T	NSYPLA573R			
500	750	420	1	NSYPLA574	NSYPLA574T	NSYPLA574R			
500	1000	320	2	NSYPLA5103	NSYPLA5103T	NSYPLA5103R			
500	1000	420	2	NSYPLA5104	NSYPLA5104T	NSYPLA5104R			
500	1250	320	2	NSYPLA5123	NSYPLA5123T	NSYPLA5123R			
500	1250	420	2	NSYPLA5124	NSYPLA5124T	NSYPLA5124R			
750	500	320	1	NSYPLA753	NSYPLA753T	NSYPLA753R			
750	500	420	1	NSYPLA754	NSYPLA754T	NSYPLA754R			
750	750	320	1	NSYPLA773	NSYPLA773T	NSYPLA773R			
750	750	420	1	NSYPLA774	NSYPLA774T	NSYPLA774R			
750	1000	320	2	NSYPLA7103	NSYPLA7103T	NSYPLA7103R			
750	1000	420	2	NSYPLA7104	NSYPLA7104T	NSYPLA7104R			
750	1250	320	2	NSYPLA7123	NSYPLA7123T	NSYPLA7123R			
750	1250	420	2	NSYPLA7124	NSYPLA7124T	NSYPLA7124R			
1000	500	320	1	NSYPLA1053	NSYPLA1053T	NSYPLA1053R			
1000	500	420	1	NSYPLA1054	NSYPLA1054T	NSYPLA1054R			
1000	750	320	1	NSYPLA1073	NSYPLA1073T	NSYPLA1073R			
1000	750	420	1	NSYPLA1074	NSYPLA1074T	NSYPLA1074R			
1000	1000	320	2	NSYPLA10103	NSYPLA10103T	NSYPLA10103R			
1000	1000	420	2	NSYPLA10104	NSYPLA10104T	NSYPLA10104R			
1000	1250	320	2	NSYPLA10123	NSYPLA10123T	NSYPLA10123R			
1000	1250	420	2	NSYPLA10124	NSYPLA10124T	NSYPLA10124R			
1250	500	320	1	NSYPLA1253	NSYPLA1253T	NSYPLA1253R			
1250	500	420	1	NSYPLA1254	NSYPLA1254T	NSYPLA1254R			
1250	750	320	1	NSYPLA1273	NSYPLA1273T	NSYPLA1273R			
1250	750	420	1	NSYPLA1274	NSYPLA1274T	NSYPLA1274R			
1250	1000	320	2	NSYPLA12103	NSYPLA12103T	NSYPLA12103R			
1250	1000	420	2	NSYPLA12104	NSYPLA12104T	NSYPLA12104R			
1250	1250	320	2	NSYPLA12123	NSYPLA12123T	NSYPLA12123R			
1250	1250	420	2	NSYPLA12124	NSYPLA12124T	NSYPLA12124R			
1500	500	320	1	NSYPLA1553	NSYPLA1553T	NSYPLA1553R			
1500	500	420	1	NSYPLA1554	NSYPLA1554T	NSYPLA1554R			
1500	750	320	1	NSYPLA1573	NSYPLA1573T	NSYPLA1573R			
1500	750	420	1	NSYPLA1574	NSYPLA1574T	NSYPLA1574R			
1500	1000	320	2	NSYPLA15103	NSYPLA15103T	NSYPLA15103R			
1500	1000	420	2	NSYPLA15104	NSYPLA15104T	NSYPLA15104R			
1500	1250	320	2	NSYPLA15123	NSYPLA15123T	NSYPLA15123R			
1500	1250	420	2	NSYPLA15124	NSYPLA15124T	NSYPLA15124R			

Enclosures with ventilated canopy IP 44

Introduction



Enclosure with ventilated canopy and plain door.



Open top part with canopy allowing for ventilation.



External handle.



Door with anti-posting surface and additional reinforcement.



Various bosses for M8 inserts.

Characteristics of the PLAT version

- Enclosure obtained by assembling:
- 1 open top part with canopy.
- 1 sealed bottom part.
- 2 side parts.
- 1 or 2 rear panels (according to width).
- 1 or 2 doors (according to width).
- Outdoor use.
- Protection degree IP 44 according to IEC 60529.
- Protection degree IP 54 with 1 or 2 internal grilles, ref. **NSYCAG125LPF**, to be ordered separately.
- Locking system with handle with a 5-mm double-bar insert block, included in the standard supply. Other blocks with inserts or barrels and keys optionally available.
- Door opening to 120°.
- Direct fixing to the floor or by means of a plinth with a height of 60 mm, as an option.
- Possibility of fixing on a semi-embedded plinth, see page **6/51**.
- Optional wall-fixing lugs.



External dimensions (mm)					References of enclosures with door	
Height	Width	Depth	N° of doors		Plain	Anti-posting
500	500	320	1	NSYPLAT553	NSYPLAT553R	
500	500	420	1	NSYPLAT554	NSYPLAT554R	
500	750	320	1	NSYPLAT573	NSYPLAT573R	
500	750	420	1	NSYPLAT574	NSYPLAT574R	
500	1000	320	2	NSYPLAT5103	NSYPLAT5103R	
500	1000	420	2	NSYPLAT5104	NSYPLAT5104R	
500	1250	320	2	NSYPLAT5123	NSYPLAT5123R	
500	1250	420	2	NSYPLAT5124	NSYPLAT5124R	
750	500	320	1	NSYPLAT753	NSYPLAT753R	
750	500	420	1	NSYPLAT754	NSYPLAT754R	
750	750	320	1	NSYPLAT773	NSYPLAT773R	
750	750	420	1	NSYPLAT774	NSYPLAT774R	
750	1000	320	2	NSYPLAT7103	NSYPLAT7103R	
750	1000	420	2	NSYPLAT7104	NSYPLAT7104R	
750	1250	320	2	NSYPLAT7123	NSYPLAT7123R	
750	1250	420	2	NSYPLAT7124	NSYPLAT7124R	
1000	500	320	1	NSYPLAT1053	NSYPLAT1053R	
1000	500	420	1	NSYPLAT1054	NSYPLAT1054R	
1000	750	320	1	NSYPLAT1073	NSYPLAT1073R	
1000	750	420	1	NSYPLAT1074	NSYPLAT1074R	
1000	1000	320	2	NSYPLAT10103	NSYPLAT10103R	
1000	1000	420	2	NSYPLAT10104	NSYPLAT10104R	
1000	1250	320	2	NSYPLAT10123	NSYPLAT10123R	
1000	1250	420	2	NSYPLAT10124	NSYPLAT10124R	
1250	500	320	1	NSYPLAT1253	NSYPLAT1253R	
1250	500	420	1	NSYPLAT1254	NSYPLAT1254R	
1250	750	320	1	NSYPLAT1273	NSYPLAT1273R	
1250	750	420	1	NSYPLAT1274	NSYPLAT1274R	
1250	1000	320	2	NSYPLAT12103	NSYPLAT12103R	
1250	1000	420	2	NSYPLAT12104	NSYPLAT12104R	
1250	1250	320	2	NSYPLAT12123	NSYPLAT12123R	
1250	1250	420	2	NSYPLAT12124	NSYPLAT12124R	
1500	500	320	1	NSYPLAT1553	NSYPLAT1553R	
1500	500	420	1	NSYPLAT1554	NSYPLAT1554R	
1500	750	320	1	NSYPLAT1573	NSYPLAT1573R	
1500	750	420	1	NSYPLAT1574	NSYPLAT1574R	
1500	1000	320	2	NSYPLAT15103	NSYPLAT15103R	
1500	1000	420	2	NSYPLAT15104	NSYPLAT15104R	
1500	1250	320	2	NSYPLAT15123	NSYPLAT15123R	
1500	1250	420	2	NSYPLAT15124	NSYPLAT15124R	

Enclosures with plinth-type open bottom part, IP 54

Introduction



Enclosure with open bottom part.



Polyurethane sealing gasket and 120° hinge.



Detail from the plinth-type bottom part, equipped with a cable-entry plate (optional).



Plain mounting plate installed on step slides and compulsory adapter plates in all the enclosures with open bottom part.

Characteristics of the PLAZ version

- Enclosure obtained by assembling:
- 1 sealed top part.
- 1 plinth-type open bottom part.
- 2 side parts.
- 1 or 2 rear panels (according to width).
- 1 or 2 doors (according to width).
- Indoor use.
- Outdoor use with a canopy (to be ordered separately).
- Protection degree IP 54 according to IEC 60529, for the 5 sides of the enclosure.
- Locking system with handle with a 5-mm double-bar insert block, included in the standard supply. Other blocks with inserts or barrels and keys optionally available.
- Door opening to 120°.
- The open bottom part forms a 60-mm plinth which is fixed to the floor directly or by means of an optional fixing frame, or else it is installed on a semi-embedded plinth.



External dimensions (mm)				References of enclosures with door	
Height	Width	Depth	N° of doors	Plain	Anti-posting
500	500	320	1	NSYPLAZ553	NSYPLAZ553R
500	500	420	1	NSYPLAZ554	NSYPLAZ554R
500	750	320	1	NSYPLAZ573	NSYPLAZ573R
500	750	420	1	NSYPLAZ574	NSYPLAZ574R
500	1000	320	2	NSYPLAZ5103	NSYPLAZ5103R
500	1000	420	2	NSYPLAZ5104	NSYPLAZ5104R
500	1250	320	2	NSYPLAZ5123	NSYPLAZ5123R
500	1250	420	2	NSYPLAZ5124	NSYPLAZ5124R
750	500	320	1	NSYPLAZ753	NSYPLAZ753R
750	500	420	1	NSYPLAZ754	NSYPLAZ754R
750	750	320	1	NSYPLAZ773	NSYPLAZ773R
750	750	420	1	NSYPLAZ774	NSYPLAZ774R
750	1000	320	2	NSYPLAZ7103	NSYPLAZ7103R
750	1000	420	2	NSYPLAZ7104	NSYPLAZ7104R
750	1250	320	2	NSYPLAZ7123	NSYPLAZ7123R
750	1250	420	2	NSYPLAZ7124	NSYPLAZ7124R
1000	500	320	1	NSYPLAZ1053	NSYPLAZ1053R
1000	500	420	1	NSYPLAZ1054	NSYPLAZ1054R
1000	750	320	1	NSYPLAZ1073	NSYPLAZ1073R
1000	750	420	1	NSYPLAZ1074	NSYPLAZ1074R
1000	1000	320	2	NSYPLAZ10103	NSYPLAZ10103R
1000	1000	420	2	NSYPLAZ10104	NSYPLAZ10104R
1000	1250	320	2	NSYPLAZ10123	NSYPLAZ10123R
1000	1250	420	2	NSYPLAZ10124	NSYPLAZ10124R
1250	500	320	1	NSYPLAZ1253	NSYPLAZ1253R
1250	500	420	1	NSYPLAZ1254	NSYPLAZ1254R
1250	750	320	1	NSYPLAZ1273	NSYPLAZ1273R
1250	750	420	1	NSYPLAZ1274	NSYPLAZ1274R
1250	1000	320	2	NSYPLAZ12103	NSYPLAZ12103R
1250	1000	420	2	NSYPLAZ12104	NSYPLAZ12104R
1250	1250	320	2	NSYPLAZ12123	NSYPLAZ12123R
1250	1250	420	2	NSYPLAZ12124	NSYPLAZ12124R
1500	500	320	1	NSYPLAZ1553	NSYPLAZ1553R
1500	500	420	1	NSYPLAZ1554	NSYPLAZ1554R
1500	750	320	1	NSYPLAZ1573	NSYPLAZ1573R
1500	750	420	1	NSYPLAZ1574	NSYPLAZ1574R
1500	1000	320	2	NSYPLAZ15103	NSYPLAZ15103R
1500	1000	420	2	NSYPLAZ15104	NSYPLAZ15104R
1500	1250	320	2	NSYPLAZ15123	NSYPLAZ15123R
1500	1250	420	2	NSYPLAZ15124	NSYPLAZ15124R

Enclosures with plinth-type open bottom part and ventilated canopy, IP 44

Introduction



Enclosure with plinth-type open bottom part, ventilated canopy and anti-posting door.

Characteristics of the PLAZT version

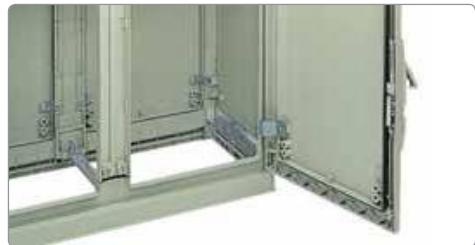
- Enclosure obtained by assembling:
- 1 open top part with canopy.
- 1 plinth-type open bottom part.
- 2 side parts.
- 1 or 2 rear panels (according to width).
- 1 or 2 doors (according to width).
- Outdoor use.
- Protection degree IP 44 according to IEC 60529, for the 5 sides of the enclosure.
- Protection degree IP 54 with 1 or 2 internal grilles, ref. **NSYCAG125LPF**, to be ordered separately.
- Locking system with handle with a 5-mm double-bar insert block. Other blocks with inserts or barrels and keys optionally available.
- Door opening to 180°.
- Anti-lever system to prevent forcing of the door.
- The open bottom part forms a 60-mm plinth which is fixed to the floor directly or by means of an optional fixing frame, or else it is installed on a semi-embedded plinth.



Door opening to 180°.



Anti-lever security system.



Bottom part open for underground cable access.



M8 fixing bosses on the inside of the door.

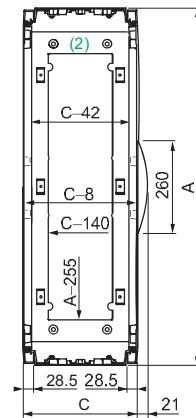
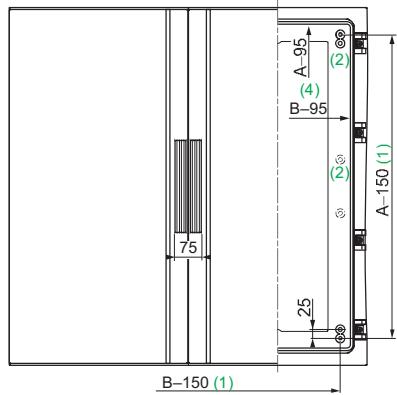
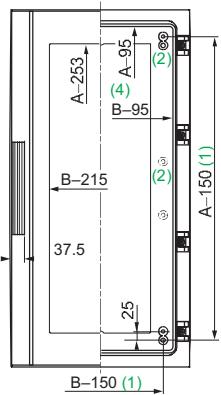


External dimensions (mm)				References of enclosures with door	
Height	Width	Depth	N° of doors	Plain	Anti-posting
500	500	320	1	NSYPLAZT553	NSYPLAZT553R
500	500	420	1	NSYPLAZT554	NSYPLAZT554R
500	750	320	1	NSYPLAZT573	NSYPLAZT573R
500	750	420	1	NSYPLAZT574	NSYPLAZT574R
500	1000	320	2	NSYPLAZT5103	NSYPLAZT5103R
500	1000	420	2	NSYPLAZT5104	NSYPLAZT5104R
500	1250	320	2	NSYPLAZT5123	NSYPLAZT5123R
500	1250	420	2	NSYPLAZT5124	NSYPLAZT5124R
750	500	320	1	NSYPLAZT753	NSYPLAZT753R
750	500	420	1	NSYPLAZT754	NSYPLAZT754R
750	750	320	1	NSYPLAZT773	NSYPLAZT773R
750	750	420	1	NSYPLAZT774	NSYPLAZT774R
750	1000	320	2	NSYPLAZT7103	NSYPLAZT7103R
750	1000	420	2	NSYPLAZT7104	NSYPLAZT7104R
750	1250	320	2	NSYPLAZT7123	NSYPLAZT7123R
750	1250	420	2	NSYPLAZT7124	NSYPLAZT7124R
1000	500	320	1	NSYPLAZT1053	NSYPLAZT1053R
1000	500	420	1	NSYPLAZT1054	NSYPLAZT1054R
1000	750	320	1	NSYPLAZT1073	NSYPLAZT1073R
1000	750	420	1	NSYPLAZT1074	NSYPLAZT1074R
1000	1000	320	2	NSYPLAZT10103	NSYPLAZT10103R
1000	1000	420	2	NSYPLAZT10104	NSYPLAZT10104R
1000	1250	320	2	NSYPLAZT10123	NSYPLAZT10123R
1000	1250	420	2	NSYPLAZT10124	NSYPLAZT10124R
1250	500	320	1	NSYPLAZT1253	NSYPLAZT1253R
1250	500	420	1	NSYPLAZT1254	NSYPLAZT1254R
1250	750	320	1	NSYPLAZT1273	NSYPLAZT1273R
1250	750	420	1	NSYPLAZT1274	NSYPLAZT1274R
1250	1000	320	2	NSYPLAZT12103	NSYPLAZT12103R
1250	1000	420	2	NSYPLAZT12104	NSYPLAZT12104R
1250	1250	320	2	NSYPLAZT12123	NSYPLAZT12123R
1250	1250	420	2	NSYPLAZT12124	NSYPLAZT12124R
1500	500	320	1	NSYPLAZT15104	NSYPLAZT1553R
1500	500	420	1	NSYPLAZT1554	NSYPLAZT1554R
1500	750	320	1	NSYPLAZT1573	NSYPLAZT1573R
1500	750	420	1	NSYPLAZT1574	NSYPLAZT1574R
1500	1000	320	2	NSYPLAZT15103	NSYPLAZT15103R
1500	1000	420	2	NSYPLAZT15104	NSYPLAZT15104R
1500	1250	320	2	NSYPLAZT15123	NSYPLAZT15123R
1500	1250	420	2	NSYPLAZT15124	NSYPLAZT15124R

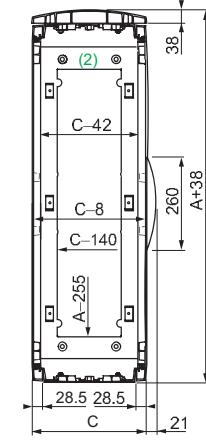
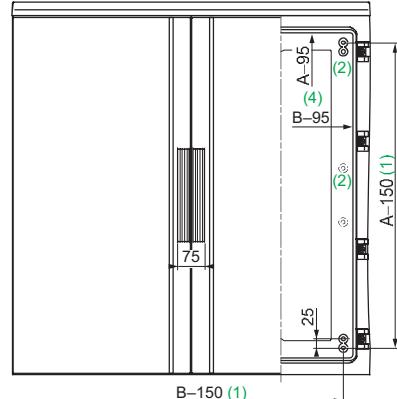
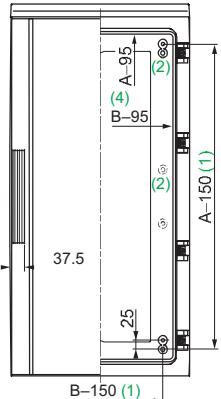
Polyester floor-standing enclosures

Dimensions

Sealed enclosure

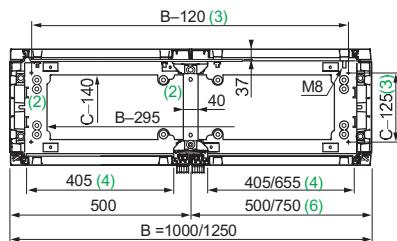
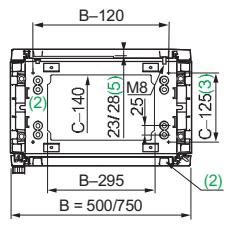


Enclosure with ventilated canopy



6

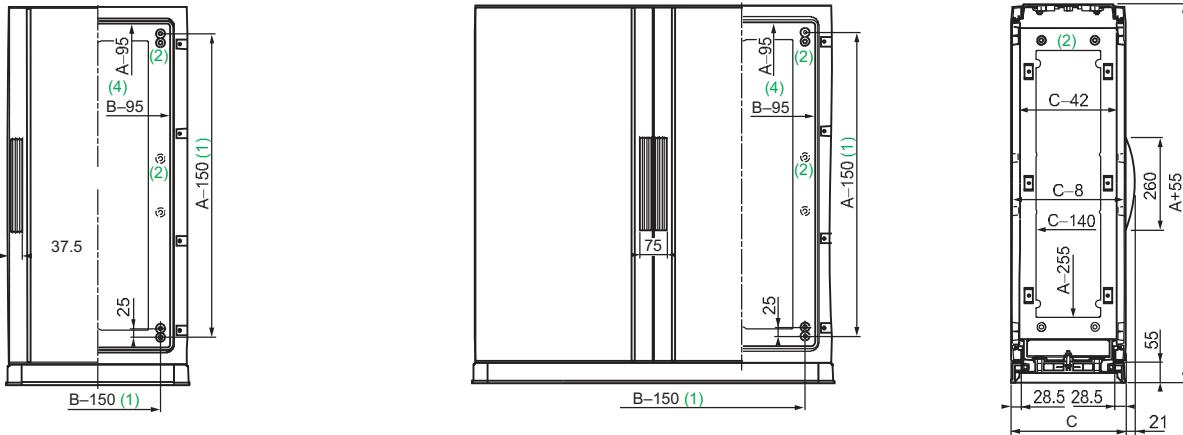
Common top views



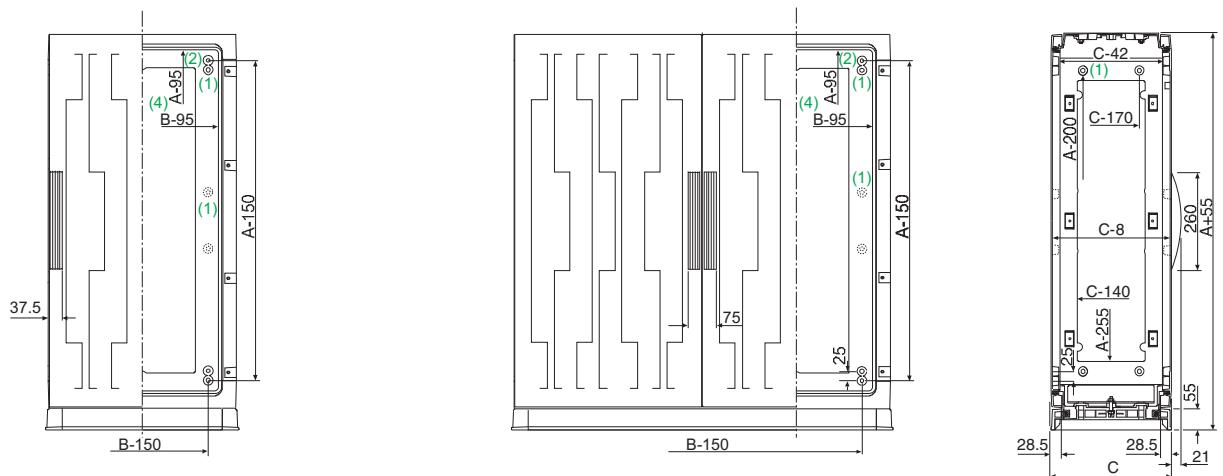
Polyester floor-standing enclosures

Dimensions

Enclosure with plinth-type open bottom part

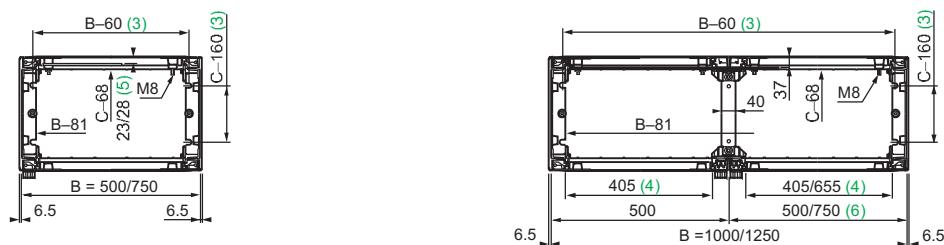


Enclosure with ventilated canopy and plinth-type open bottom part



6

Common top views



(1) 4 bosses with M8 inserts and studs for direct fixing of mounting plates.

(2) Bosses designed to accommodate M8 inserts, ref. **NSYTEX8**. They are placed:

- On the back of the enclosure, from the height of 1000 mm. They allow the fixing of partial mounting plates and assorted equipment.
- On the top and bottom parts of the enclosure. They are used for fixing the step slides, an internal door, 19" chassis, etc.

(3) Dimensions for fixing on the floor or on a plinth.

(4) Entry dimensions, door open.

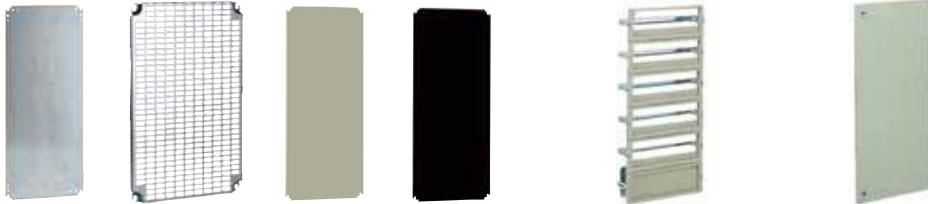
(5) Dimension of 28 mm for enclosures with heights of more than 1000 mm (height after the installation of the plain mounting plates with reinforcement foldings).

(6) With a width of 1250 mm in standard supply, 500-mm door on the left and 750-mm door on the right.

Polyester floor-standing enclosures

Accessory selection guide

Mounting accessories



Enclosure dimensions (mm)			Metallic mounting plates				Insulating mounting plates		Modular distribution chassis		Internal door
Height	Width	N° of doors	Plain	Telequick	Polyester	Bakelite					Internal door
			Page 6/58	Page 6/59	Page 6/58		Page 6/65				
500	500	1	NSYPMM55	NSYPMR55	NSYPMA55	NSYPMB55	-	-	NSYPAPLA55		
500	750	1	NSYPMM75	NSYPMR75	NSYPMA75	NSYPMB75	-	-	NSYPAPLA57		
500	1000	2	NSYPMM510	2 × NSYPMR55	NSYPMA510	NSYPMB510	-	-	2 × NSYPAPLA55		
500	1250	2	NSYPMM55 + NSYPMM75	NSYPMR55 + NSYPMR75	NSYPMA55 + NSYPMA75	NSYPMB55 + NSYPMB75	-	-	NSYPAPLA55 + NSYPAPLA57		
750	500	1	NSYPMM75	NSYPMR75	NSYPMA75	NSYPMB75	NSYDLP76	NSYDLP57	NSYPAPLA75		
750	750	1	NSYPMM77	NSYPMR77	NSYPMA77	NSYPMB77	NSYDLP132	NSYDLP99	NSYPAPLA77		
750	1000	2	NSYPMM710	2 × NSYPMR75	NSYPMA710	NSYPMB710	2 × NSYDLP76	2 × NSYDLP57	2 × NSYPAPLA75		
750	1250	2	NSYPMM712	NSYPMR75 + NSYPMR77	NSYPMA712	NSYPMB712	NSYDLP76 + NSYDLP132	NSYDLP57 + NSYDLP99	NSYPAPLA75 + NSYPAPLA77		
1000	500	1	NSYPMM105	NSYPMR105	NSYPMA105	NSYPMB105	NSYDLP114	NSYDLP95	NSYPAPLA105		
1000	750	1	NSYPMM107	NSYPMR107	NSYPMA107	NSYPMB107	NSYDLP198	NSYDLP165	NSYPAPLA107		
1000	1000	2	NSYPMM1010	2 × NSYPMR105	NSYPMA1010	NSYPMB1010	2 × NSYDLP114	2 × NSYDLP95	2 × NSYPAPLA105		
1000	1250	2	NSYPMM1012	NSYPMR105 + NSYPMR107	NSYPMA1012	NSYPMB1012	NSYDLP114 + NSYDLP198	NSYDLP95 + NSYDLP165	NSYPAPLA105 + NSYPAPLA107		
1250	500	1	NSYPMM125	NSYPMR125	NSYPMA125	NSYPMB125	NSYDLP133	NSYDLP114P	NSYPAPLA125		
1250	750	1	NSYPMM127	NSYPMR127	NSYPMA127	NSYPMB127	NSYDLP231	NSYDLP198P	NSYPAPLA127		
1250	1000	2	NSYPMM1210	2 × NSYPMR125	NSYPMA1210	NSYPMB1210	2 × NSYDLP133	2 × NSYPLD114P	2 × NSYPAPLA125		
1250	1250	2	NSYPMM1212	NSYPMR125 + NSYPMR127	NSYPMA1212	NSYPMB1212	NSYDLP133 + NSYDLP231	NSYDLP114P + NSYDLP198P	NSYPAPLA125 + NSYPAPLA127		
1500	500	1	NSYPMM155	NSYPMR155	NSYPMA155	NSYPMB155	NSYDLP171	NSYDLP152	NSYPAPLA155		
1500	750	1	NSYPMM157	NSYPMR157	NSYPMA157	NSYPMB157	NSYDLP297	NSYDLP264	NSYPAPLA157		
1500	1000	2	NSYPMM1510	2 × NSYPMR155	NSYPMA1510	NSYPMB1510	2 × NSYDLP171	2 × NSYDLP152	2 × NSYPAPLA155		
1500	1250	2	NSYPMM1512	NSYPMR155 + NSYPMR157	NSYPMA1512	NSYPMB1512	NSYDLP171 + NSYDLP297	NSYDLP152 + NSYDLP264	NSYPAPLA155 + NSYPAPLA157		

6

Step slides

Page
6/60

Uprights and mounting rails

Page
6/62

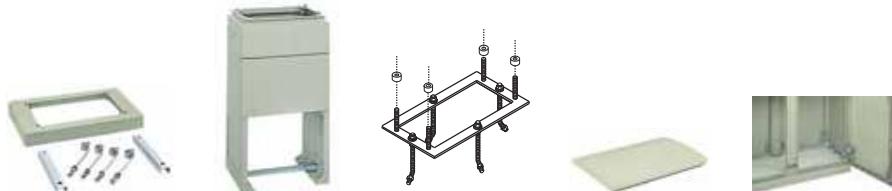
Door retainer

Page
6/54

Polyester floor-standing enclosures

Accessory selection guide

Composition accessories



Enclosure dimensions (mm)		N plinth	H plinth	Floor-fixing frame	Canopy	Cable-entry plate
		Height 60 mm	Height 900 mm			
Width	Depth	Page 6/50		Page 6/51	Page 6/52	Page 6/53
500	320	NSYZNPLA53	NSYHPLA53	NSYMFPLAZ53	NSYTJPLA53	NSYECPALAZ53
500	420	NSYZNPLA54	NSYHPLA54	NSYMFPLAZ54	NSYTJPLA54	NSYECPALAZ54
750	320	NSYZNPLA73	NSYHPLA73	NSYMFPLAZ73	NSYTJPLA73	NSYECPALAZ73
750	420	NSYZNPLA74	NSYHPLA74	NSYMFPLAZ74	NSYTJPLA74	NSYECPALAZ74
1000	320	NSYZNPLA103	NSYHPLA103	NSYMFPLAZ103	NSYTJPLA103	NSYECPALAZ103
1000	420	NSYZNPLA104	NSYHPLA104	NSYMFPLAZ104	NSYTJPLA104	NSYECPALAZ104
1250	320	NSYZNPLA123	NSYHPLA123	NSYMFPLAZ123	NSYTJPLA123	NSYECPALAZ123
1250	420	NSYZNPLA124	NSYHPLA124	NSYMFPLAZ124	NSYTJPLA124	NSYECPALAZ124

VDI accessories



Enclosure dimensions (mm)		19" fixed chassis		Number of U	19" swing chassis		Number of U
Height	Width	Page 6/68			Page 6/68		
500	750	NSYBRF8PLA		8	NSYBRP7PLA		7
750	750	NSYBRF12PLA + NSYSPLA75		12	NSYBRP11PLA + NSYSPLA75		11
1000	750	NSYBRF17PLA + NSYSPLA100		17	NSYBRP16PLA + NSYSPLA100		16
1250	750	NSYBRF21PLA + NSYSPLA125		21	NSYBRP20PLA + NSYSPLA125		20
1500	750	NSYBRF26PLA + NSYSPLA150		26	NSYBRP25PLA + NSYSPLA150		25

6

Door switch	Insert	Document pocket	VDI accessories and fixings
Page 6/55	Page 6/62	Page 7/130	Page 3/118
Coupling Kit	Anti-graffiti paint	Handles and inserts	Wall-fixing lug
Page 6/48	Page 6/64	Page 6/56	Page 6/52

Composition accessories

Coupling accessories

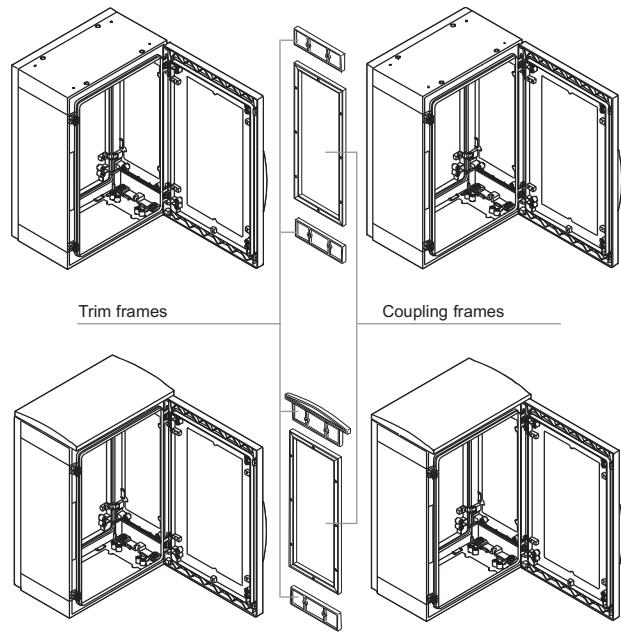
Horizontal coupling kits

- For coupling 2 enclosures side by side.
- Coupling frame kit: made up of a coupling kit and the fixings required for installation.
- IP 55 at the coupling point.
- Trim kit: made up of 2 frames for aesthetic fitting of the 2 coupled enclosures.

For enclosure	References of coupling frame kit for enclosure (mm)	
Height (mm)	Depth 320	Depth 420
500	NSYMUPLA53	NSYMUPLA54
750	NSYMUPLA73	NSYMUPLA74
1000	NSYMUPLA103	NSYMUPLA104
1250	NSYMUPLA123	NSYMUPLA124
1500	NSYMUPLA153	NSYMUPLA154

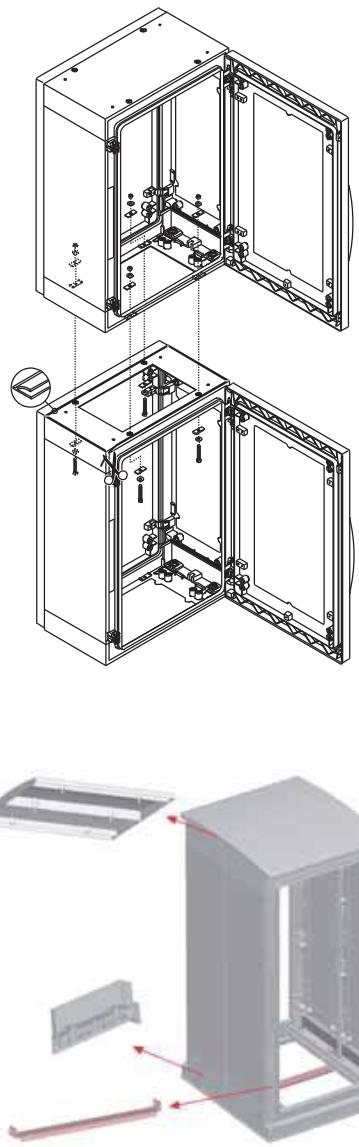
For enclosure	References of trim kit for enclosure (mm)	
	Depth 320	Depth 420
Without canopy	NSYSUPLA3	NSYSUPLA4
With canopy	NSYSUPLA3T	NSYSUPLA4T

6



Composition accessories

Coupling accessories



Vertical coupling kit

- For coupling 2 enclosures on top of one another.
- Kit made up of 3.5 m of adhesive seal and the fixings required for mounting.
- IP 55 at the coupling point.

Description	Reference
Vertical coupling kit	NSYUVPLA

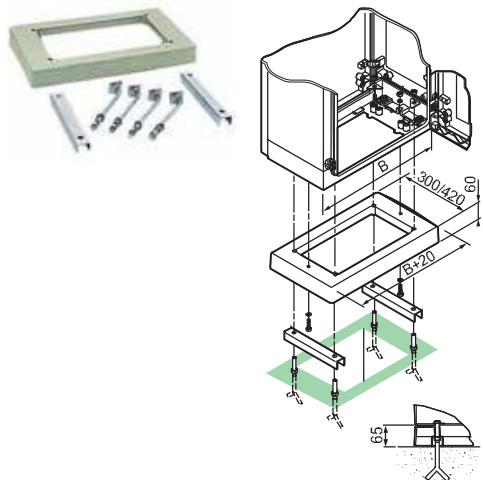


Specific Enhanced depth enclosure

- After industrial machining, the frames of the standard enclosures are coupled in the factory to obtain very deep floor-standing enclosures.
- 3 possible depths: 575, 675 and 775 mm.
- The internal volume of the standard enclosures remains unaffected.
- Possible for the 4 enclosure versions, in particular for 19" applications with widths of 750 and 1250 mm.
- IP 44 in the version with ventilated canopy, IP 54 for the other versions.
- Roof made from polyester reinforced with fibreglass, for dimensions: 750 × 575 mm, 750 × 775 mm, 1250 × 575 mm and 1250 × 775 mm.
- A rear door can be installed in the coupled enclosures. Option of installing 2 sets of step slides (at the front and at the rear).
- Supply or installation in the enclosures of a 19" chassis with side trim plate installed on the step slides:
 - 19 U, height 1000 mm
 - 23 U, height 1250 mm
 - 25 U, height 1500 mm

Composition accessories

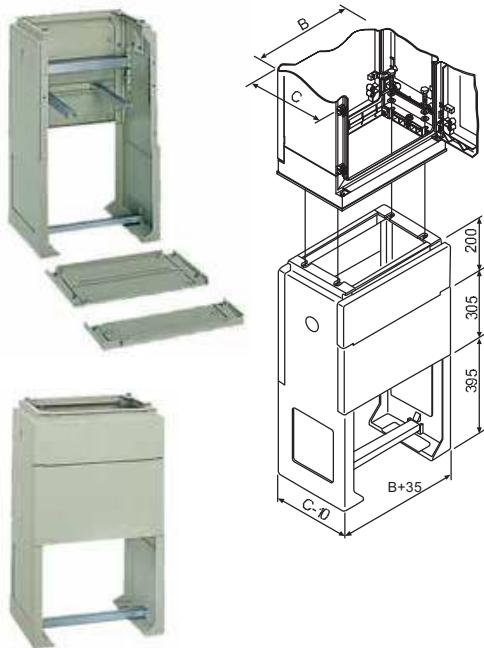
Base accessories



N plinth height 60 mm

- Designed to be installed under the enclosures with sealed bottom part (version PLA or PLAT).
- Polyester reinforced with fibreglass, moulded by hot compression, RAL 7032 grey.

For enclosure (mm)		Reference
Width (B)	Depth	
500	320	NSYZNPLA53
750	320	NSYZNPLA73
1000	320	NSYZNPLA103
1250	320	NSYZNPLA123
500	420	NSYZNPLA54
750	420	NSYZNPLA74
1000	420	NSYZNPLA104
1250	420	NSYZNPLA124



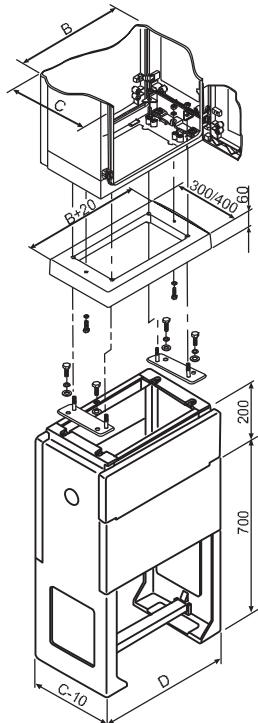
H plinth height 900 mm partly embedded

- Designed to be installed under the enclosures with open bottom part (version PLAZ or PLAZT).
- Polyester reinforced with fibreglass, moulded by hot compression, RAL 7032 grey.
- Front panel with a height of 170 mm, retractable, providing easy access to the inside.
- Fixed front panel with a height of 305 mm, corresponding to the finished floor height area.
- The height above the floor after building-in varies between 200 and 500 mm.
- A metal rail helps to fix the entry cables.
- Lateral uprights with knock-out auxiliary output with Ø Pg 36 (48 mm).
- A knock-out area is provided at the bottom of the side uprights for cable entry, if necessary.
- Delivered with the fixings required for installation.

For enclosure (mm)		Reference
Width (B)	Depth (C)	
500	320	NSYZHPLA53
750	320	NSYZHPLA73
1000	320	NSYZHPLA103
1250	320	NSYZHPLA123
500	420	NSYZHPLA54
750	420	NSYZHPLA74
1000	420	NSYZHPLA104
1250	420	NSYZHPLA124

Composition accessories

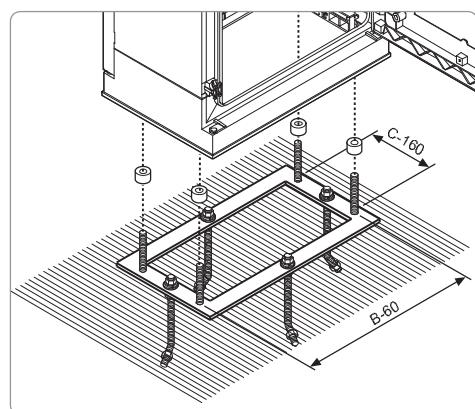
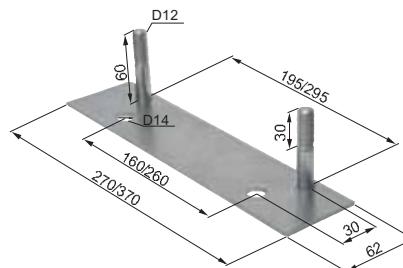
Base accessories



Connectors between plinths

- Designed to allow the adaptation of an enclosure with sealed bottom part + N plinth on a H-type partly embedded plinth.
- Supply: 2 pieces for adapting the centre-to-centre distances.

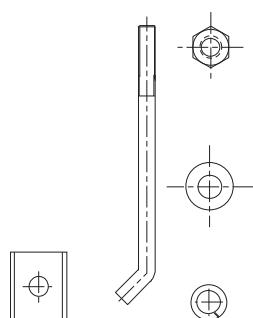
For enclosure (mm)	Description	Reference
Depth		
320	Adapter pieces for N plinth on 320-mm H plinth	NSYAZ3PLA
420	Adapter pieces for N plinth on 420-mm H plinth	NSYAZ4PLA



Floor-fixing frame

- Frame for direct fixing on the floor for installing enclosures with open bottom part (version PLAZ or PLAZT).
- Material: passivated zinc-coated steel.

For enclosure (mm)		
Width (B)	Depth (C)	Reference
500	320	NSYMFPLAZ53
750	320	NSYMFPLAZ73
1000	320	NSYMFPLAZ103
1250	320	NSYMFPLAZ123
500	420	NSYMFPLAZ54
750	420	NSYMFPLAZ74
1000	420	NSYMFPLAZ104
1250	420	NSYMFPLAZ124



Floor-fixing studs

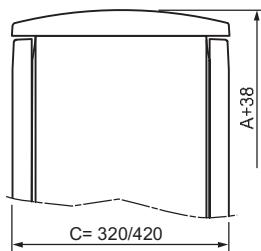
Set of 4 threaded parts and fixings, for fixing the enclosures in concrete plinths.

Description	Reference
Fixing studs	NSYFSPLAZ

Composition accessories

Top-mounting accessories

Fixing accessories



Canopy

- Polyester material reinforced with fibreglass, moulded by hot compression, self-extinguishing, RAL 7032 grey.
- It can be installed in all enclosure models.
- High resistance to impacts, temperature and bad weather.
- Delivered with the fixings required for installation.
- Increases the height (A) of the enclosure by 38 mm, without modifying its width or depth.
- Essential for outdoor use.

For enclosure (mm)		Reference
Width	Depth (C)	
500	320	NSYTJPLA53
750	320	NSYTJPLA73
1000	320	NSYTJPLA103
1250	320	NSYTJPLA123
500	420	NSYTJPLA54
750	420	NSYTJPLA74
1000	420	NSYTJPLA104
1250	420	NSYTJPLA124



6

Grille for IP 54 instead of IP 44

- For enclosure versions PLAT and PLAZT.
- It is installed from the inside in the upper ventilation opening.
- Delivered with G2 M1 standard synthetic filter, see **ClimaSys** section.
- 1 grille for 500 and 750-mm-wide enclosures, 2 grilles for 1000 and 1250-mm-wide enclosures.
- Prevents the entry of dust and provides the enclosure with IP 5X protection at the top.
- Maintains the possibility of ventilation.

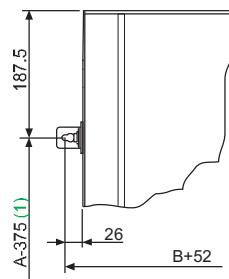
Description	Reference
Outlet grille	NSYCAG125LPF



Wall-fixing lugs

- Fixing on the sides by 4 or 6 lugs in horizontal position (6 lugs for enclosures with height ≥ 1000 mm).
- Drilling positions and marks inside the side panels.
- Passivated zinc-coated material.
- Maximum acceptable load: 180 kg.
- Set of 6 lugs and fixings.
- 10-mm fixing plane on the rear of the enclosure plane.

Description	Reference
Wall-fixing lugs	NSYFMPLA



(1) For enclosures with height ≥ 1000 mm, 1 extra lug at the centre of the A-375 side.

Composition accessories

Cable-entry accessories

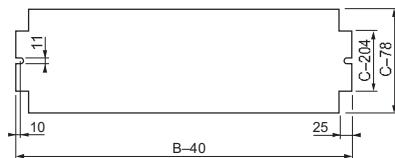


Cable-entry plate

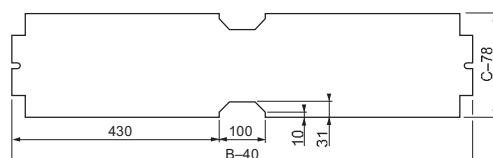
- Designed to be installed inside the enclosures with open bottom part (version PLAZ or PLAZT).
- Polyester material reinforced with fibreglass, thickness 4 mm.
- Easy drilling in specific customised version.
- Delivered with the fixings required for installation.
- Incompatibility with: adapter plates, step slides, internal door and chassis for modular distribution.

For enclosure (mm)		Reference
Width (B)	Depth (C)	
500	320	NSYECPLAZ53
750	320	NSYECPLAZ73
1000	320	NSYECPLAZ103
1250	320	NSYECPLAZ123
500	420	NSYECPLAZ54
750	420	NSYECPLAZ74
1000	420	NSYECPLAZ104
1250	420	NSYECPLAZ124

Cable-entry plate (1-door enclosure)



Cable-entry plate (2-door enclosure)



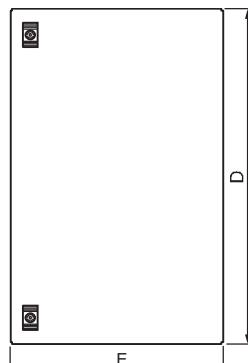
See also
the accessories

Cable-management
Cable entries page 7/102

Cable holding page 7/115

Composition accessories

Door and door accessories



6



NSYRETPLA



NSYRETPLAU

Internal door

- Aluminium door, RAL 7032 grey.
- Designed for direct installation in enclosures with sealed bottom part. In the enclosures with the bottom part open, installation can be performed by ordering the necessary adapter plates, ref. **NSYPTZ*****.
- 2 depthwise mounting positions (1) according to the chosen M8 impressions, on the top and bottom parts of the enclosure, for fixing.
- Lock with 5-mm double-bar inserts.
- Delivered with M8 brass inserts and fixings.
- Incompatibility with: modular distribution chassis, 19" chassis, cable-entry plate and door retainer, ref. **NSYRETPLAU**.

For enclosure (mm)	Reference	Internal door dimensions		Weight (kg)
		D	E	
500	NSYPAPLA55	398	398	1.6
500	NSYPAPLA57	398	648	2.2
500	2 × NSYPAPLA55	398	796 (2 × 398)	3.2 (2 × 1.6)
500	NSYPAPLA55 + NSYPAPLA57	398	1046 (398 + 648)	3.8 (1.6 + 2.2)
750	NSYPAPLA75	648	398	2.2
750	NSYPAPLA77	648	648	3.1
750	2 × NSYPAPLA75	648	796 (2 × 398)	4.4 (2 × 2.2)
750	NSYPAPLA75 + NSYPAPLA77	648	1046 (398 + 648)	5.3 (2.2 + 3.1)
1000	NSYPAPLA105	898	398	2.8
1000	NSYPAPLA107	898	648	4.1
1000	2 × NSYPAPLA105	898	796 (2 × 398)	5.4 (2 × 2.8)
1000	NSYPAPLA105 + NSYPAPLA107	898	1046 (398 + 648)	6.9 (2.8 + 4.1)
1250	NSYPAPLA125	1148	398	3.4
1250	NSYPAPLA127	1148	648	5
1250	2 × NSYPAPLA125	1148	796 (2 × 398)	6.8 (2 × 3.4)
1250	NSYPAPLA125 + NSYPAPLA127	1148	1046 (398 + 648)	8.4 (3.4 + 5)
1500	NSYPAPLA155	1398	398	4
1500	NSYPAPLA157	1398	648	6
1500	2 × NSYPAPLA155	1398	796 (2 × 398)	8 (2 × 4)
1500	NSYPAPLA155 + NSYPAPLA157	1398	1046 (398 + 648)	10 (4 + 6)

Door retainer

- Designed to adapt directly to the enclosure.
- 2 models available according to the type of enclosure:
 - 1 model opening to 110° for enclosure versions PLA, PLAZ and PLAT.
 - 1 model with 2 positions, 90° and 120°, for all the versions (warning: this solution is incompatible with certain accessories), see below.
- Can be installed on a door opening to the left or right indistinctly.
- Material: galvanised steel.
- Delivered with the fixings required for installation.

For enclosure	Reference
Version PLA, PLAZ, PLAT	NSYRETPLA
For all versions	NSYRETPLAU

Note: Ref. **NSYRETPLAU** is incompatible with internal doors, modular distribution chassis, step slides, adapter plates and cable-entry plates. In the event of incompatibility, use ref. **NSYRETPLAZ**.

Composition accessories

Door and door accessories



Door switch

- Supply: switch, fixing bracket and fixings.
- NC + NO switch.
- Incompatible with the rear door and modular distribution chassis.

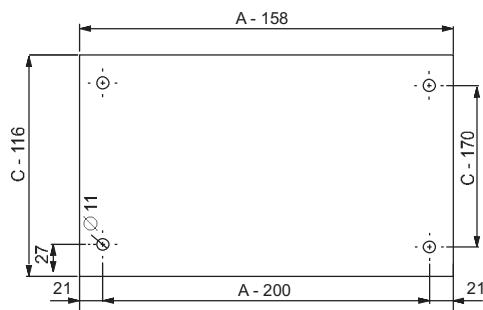
Description	Reference
Door switch	NSYSNLPLA



Protection and support screen

- Protective screen made from transparent polycarbonate, protecting access to the switchgear of small enclosures.
- The screen is fixed using accessory, ref. **NSYSPTR77**, to be ordered separately.
- The screens and fixing accessories are to be ordered in multiples of 5.

For enclosure (mm)		Reference
Width (A)	Height (C)	
500	500	NSYPPTR55
750	500	NSYPPTR57
500	750	NSYPPTR75
750	750	NSYPPTR77



6

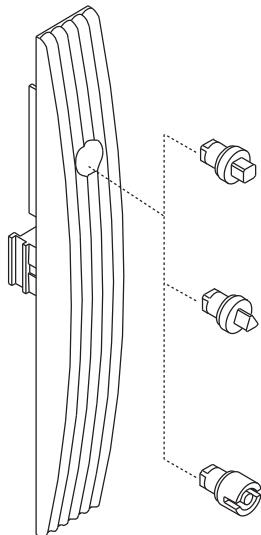


See also
the accessories

Document pocket
page 7/130

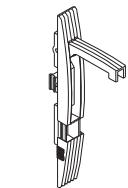
Composition accessories

Locking system



NSYBCPLA

6



NSYEBCMPLA

Locks with escutcheon and without handle

- Standard supply for the enclosures with sealed top and bottom parts (PLA version).
- With 5-mm double-bar insert.
- PA6 material charged with fibreglass.
- RAL 7032 grey.
- Fire resistance: 650 °C.
- Resistance to external mechanical impacts: IK 10.
- Insert breakage torque: 15 daN.

Options of changing the form inserts (supplied with the required operating key)

Description	Reference
7-mm square insert	NSYTC7CRN
8-mm square insert	NSYTC8CRN
6.5-mm triangular insert	NSYTT6CRN
8-mm triangular insert	NSYTT8CRN
5-mm double-bar insert	NSYTDB5PLA

Padlocking device

- Padlocking accessory, preventing access to the lock-control insert. Opening diameter: 14 mm.

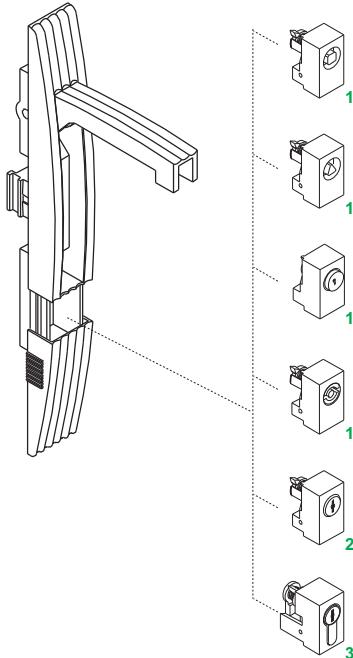
Description	Reference
Padlocking device	NSYBCPLA

Options of changing for a handle lock

- Option of changing the escutcheon and the insert for a handle lock, ref. **NSYEBCMPLA**, delivered without barrel or insert block.
- The insert or barrel are to be chosen from the option table on the next page.

Composition accessories

Locking system



1 Block with form insert.

2 Block with cylindrical barrel.

3 Block with semi-cylindrical barrel.

Lock with handle

- Ergonomic locking system with pivoting handle installed as standard on enclosures with ventilated canopy and/or open bottom part (versions PLAT, PLAZ and PLAZT), with a 5-mm double-bar insert block.
- Material: PA6 charged with 30% fibreglass.
- RAL 7032 grey.
- Fire resistance: 650 °C.
- Resistance to external mechanical impacts: IK 10.

Options of changing the form-insert blocks (supplied with the required operating key)

Description	Reference
Block, 6-mm square insert	NSYINS61
Block, 7-mm square insert	NSYINS71
Block, 8-mm square insert	NSYINS81
Block, 6.5-mm triangular insert	NSYINT61
Block, 8-mm triangular insert	NSYINT81
Push-button	NSYTSPA
Double bar	NSYINDB51

Options of changing for blocks with cylindrical barrels

Type of key	Reference	Type of key	Reference
405 E key	NSYIN405E1	2452 E key	NSYIN2452E1
421 E key	NSYIN421E1	3113 A key	NSYIN3113A1
455 key	NSYIN4551	3122 E key	NSYIN3122E1
1242 E key	NSYIN1242E1	3123 A key	NSYIN3123A1
1332 E key	NSYIN1332E1	3133 A key	NSYIN3133A1
2131 A key	NSYIN2131A1	3422 E key	NSYIN3422E1
2132 A key	NSYIN2132A1	3432 E key	NSYIN3432E1
2331 A key	NSYIN2331A1	EDF 1300 key	NSYINF1301
2433 A key	NSYIN2433A1	EDF 1400 key	NSYINF1401

6

Options of changing for blocks with semi-cylindrical barrels

Description	Reference
1242 E key	NSYIN1242E1
DIN adapter	NSYINDIN2
JIS key	NSYINKJIS2
Reinforced key	NSYINKR2
FAC key	NSYINKFAC2



NSYCBMPLA



NSYEPLA

Options of changing the handle

- Changing the handle for a handle including a padlocking device (\varnothing 10 mm) allowing the handle to be locked.
- Option of changing the handle lock for a lock with an escutcheon and without handle, delivered without insert. The insert is to be chosen from the option table on the previous page:

Description	Reference
Padlocking handle	NSYCBMPLA
Escutcheon without handle and insert	NSYEPLA

Mounting accessories

Installation accessories



6

Metallic mounting plate and insulating mounting plate

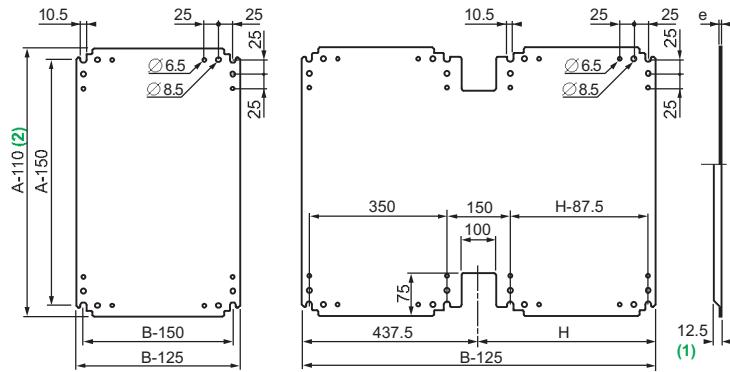
Plain mounting plate

- Galvanised sheet-steel mounting plate.
- Direct installation on M8 inserts at the rear of the enclosure or on step slides for depth adjustment (see page 6/60). The enclosures with height of ≥ 1000 mm have intermediate impressions for installing mounting plates of a lesser height (M8 inserts, ref. NSYTEX8, to be ordered separately).
- In the 2-door enclosures, it is possible to install 1 complete mounting plate or 2 individual mounting plates.
- Maximum acceptable load: 150 kg/m².
- Thickness: 2.5 mm.

Insulating mounting plate

- Bakelite mounting plate, RAL 9005 black.
- Polyester mounting plate, RAL 7035.
- Maximum acceptable load: 150 kg/m².
- Thickness: 4 mm for the 55 and 75 plates, 5 mm for the other plates.

Height (A)	Width (B)	Mounting plate references			Surf. (dm ²)	H (mm)		
		Plain	Insulating					
			Bakelite	Polyester				
500	500	NSYPMM55	NSYPMB55	NSYPMAs55	14	-		
500	750	NSYPMM75	NSYPMB75	NSYPMAs75	24	-		
500	1000	NSYPMM510	NSYPMB510	NSYPMAs510	32	437.5		
500	1250	NSYPMM55 + NSYPMM75	NSYPMB55 + NSYPMB75	NSYPMAs55 + NSYPMAs75	-	-		
750	500	NSYPMM75	NSYPMB75	NSYPMAs75	24	-		
750	750	NSYPMM77	NSYPMB77	NSYPMAs77	40	-		
750	1000	NSYPMM710	NSYPMB710	NSYPMAs710	54	437.5		
750	1250	NSYPMM712	NSYPMB712	NSYPMAs712	70	687.5		
1000	500	NSYPMM105	NSYPMB105	NSYPMAs105	33	-		
1000	750	NSYPMM107	NSYPMB107	NSYPMAs107	55	-		
1000	1000	NSYPMM1010	NSYPMB1010	NSYPMAs1010	74	437.5		
1000	1250	NSYPMM1012	NSYPMB1012	NSYPMAs1012	96	687.5		
1250	500	NSYPMM125	NSYPMB125	NSYPMAs125	42	-		
1250	750	NSYPMM127	NSYPMB127	NSYPMAs127	70	-		
1250	1000	NSYPMM1210	NSYPMB1210	NSYPMAs1210	96	437.5		
1250	1250	NSYPMM1212	NSYPMB1212	NSYPMAs1212	124	687.5		
1500	500	NSYPMM155	NSYPMB155	-	51	-		
1500	750	NSYPMM157	NSYPMB157	-	85	-		
1500	1000	NSYPMM1510	NSYPMB1510	-	118	437.5		
1500	1250	NSYPMM1512	NSYPMB1512	-	152	687.5		



(1) Reinforcing fold for steel mounting plate with heights and widths ≥ 1000 mm.

(2) A-125 for references NSYPMM1010 to NSYPMM1512, A-120 for the polyester mounting plate, ref. NSYPMAs***.

Note: The diagrams above relate to the metal mounting plates. The mounting plates made from insulating material only have 4 or 8 main fixing points and the external dimensions of the diagrams.

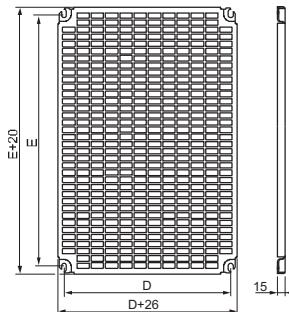
Mounting accessories

Installation accessories



Telequick mounting plate

- It allows any switchgear to be mounted on the same plane without drilling or tapping.
- Grille made from galvanised sheet steel, with 11×26 mm drill holes, with a step of 15×30 mm, for direct installation, with clip nuts, of all the devices with fixing at 2, 3 or 4 points, by screws with diameters of 3, 4, 5 or 6 mm.
- Direct installation on M8 inserts at the rear of the enclosure or on step slides for depth adjustment (see page 6/60). The enclosures with height of ≥ 1000 mm have intermediate impressions for installing mounting plates of a lesser height (M8 inserts, ref. NSYTEX8, to be ordered separately).
- Maximum acceptable load: 150 kg/m^2 .



Height	Width	Reference	Dimensions (mm)		Surface (dm²)
			E	D	
500	500	NSYPMR55	350	350	15.3
500	750	NSYPMR57	350	600	24.6
500	1000	2 × NSYPMR55	350	2 × 350	30.6 (2 × 15.3)
500	1250	NSYPMR55 + NSYPMR57	350	350 600	39.9 (15.3 + 24.6)
750	500	NSYPMR75	600	350	25.5
750	750	NSYPMR77	600	600	51.1
750	1000	2 × NSYPMR75	600	2 × 350	51 (2 × 25.5)
750	1250	NSYPMR75 + NSYPMR77	600	350 600	76.6 (25.5 + 51.1)
1000	500	NSYPMR105	850	350	35.7
1000	750	NSYPMR107	850	600	57.5
1000	1000	2 × NSYPMR105	850	2 × 350	71.4 (2 × 35.7)
1000	1250	NSYPMR105 + NSYPMR107	850	350 600	93.2 (35.7 + 57.5)
1250	500	NSYPMR125	1100	350	45.9
1250	750	NSYPMR127	1100	600	74
1250	1000	2 × NSYPMR125	1100	2 × 350	91.8 (2 × 45.9)
1250	1250	NSYPMR125 + NSYPMR127	1100	350 600	119.9 (45.9 + 74)
1500	500	NSYPMR155	1350	350	56.1
1500	750	NSYPMR157	1350	600	90.4
1500	1000	2 × NSYPMR155	1350	2 × 350	112.2 (2 × 56.1)
1500	1250	NSYPMR155 + NSYPMR157	1350	350 600	146.5 (56.1 + 90.4)



See also
the accessories

Telequick mounting plate
accessories
page 7/27

Mounting accessories

Installation accessories



Step slides

- Set of 4 step slides with brackets allowing continuous depth adjustment of the mounting plate, with a pitch of 25 mm.
- Designed for direct installation in the enclosures with sealed bottom part (versions PLA or PLAT).
- In the enclosures with open bottom part (versions PLAZ or PLAZT), installation is made possible by adding the relevant adapter plates (see tables below and description on the next page).
- Material: bracket with steel M8 stud on aluminium rail.
- Fixing on the top and bottom parts of the enclosure by means of M8 inserts and screws (supplied).
- Incompatibility with: internal door, modular distribution chassis, 19" chassis, cable-entry plate and door retainer, ref. NSYRETPLAU.

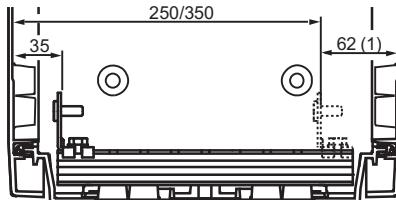
For enclosure		Reference	
Depth (mm)	N° of doors	Step slides	Adapter plates
320	1	NSYDPLA3	NSYPTZ3
420	1	NSYDPLA4	NSYPTZ4
320	2	2 × NSYDPLA3	NSYPTZ32P
420	2	2 × NSYDPLA4	NSYPTZ42P



6

NSYDPLA

Installation of step slide ref. NSYDPLA•••

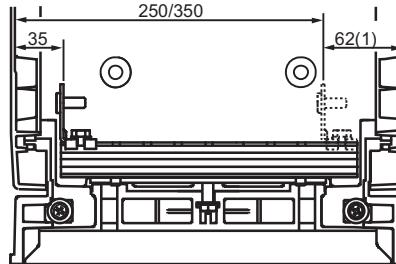


(1) 57 mm with one transparent door.



NSYDPLA and NSYPTZ

Installation of step slide ref. NSYDPLA•••, with adapter plate ref. NSYPTZ•••



(1) 57 mm with one transparent door.

Mounting accessories

Installation accessories



Adapter plates

- The enclosures with open bottom part (versions PLAZ and PLAZT) require a set of adapter plates for mounting:
- an internal door
- step slides
- modular chassis and 19" chassis
- Material: galvanised steel.
- Fixing on the bottom part of the enclosure by means of M8 inserts and screws (supplied).

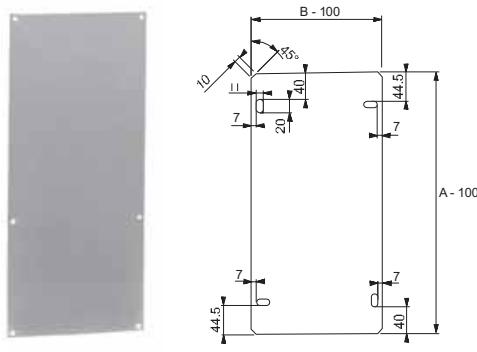
For enclosure		Reference
Depth (mm)	N° of doors	
320	1	NSYPTZ3
420	1	NSYPTZ4
320	2	NSYPTZ32P
420	2	NSYPTZ42P



Additional support

- Set of 4 additional brackets, to be slid into the step slides, for the installation of an additional mounting plate.

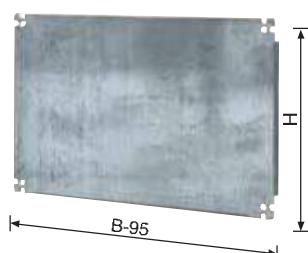
Description	Reference
Additional support	NSYEDPLA



Side mounting plates

- Polyester mounting plates fixed to the sides of the enclosure for additional installations. Installation on the M8 bosses by adding inserts, ref. NSYTEX8.
- Order by multiples of 2 (2, 4, 6...).

For enclosure (mm)		Reference
Height (A)	Depth (B)	
500	320	NSYPMLA53
500	420	NSYPMLA54
750	320	NSYPMLA73
750	420	NSYPMLA74
1000	320	NSYPMLA103
1000	420	NSYPMLA104
1250	320	NSYPMLA123
1250	420	NSYPMLA124



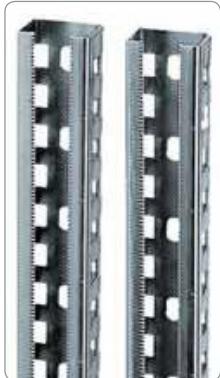
Partial plain mounting plate

- Galvanised sheet-steel mounting plate.
- Direct fixing on the uprights, with the notched sliding nuts or pivoting nuts, see common accessories section.
- Maximum acceptable load: 150 kg/m².

For enclosure	Mounting plate height H (mm)	Fixing centre-to-centre distance		Reference
		Vertical	Horizontal	
750	247	600	200	NSYSPMP2575
1000	247	850	200	NSYSPMP25100
1000	397	850	350	NSYSPMP40100

Mounting accessories

Installation accessories

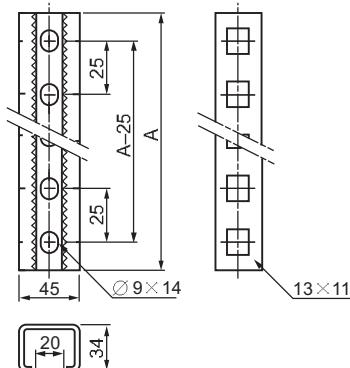


Technical uprights

- Supports for fixing rails, perforated grilles and plain partial mounting plates.
- Use the suitable fixings and accessories shown in the common accessory section.
- Material: steel, 2-mm thick.
- Batch of 2 pieces.
- Fixing at the rear on the M8 inserts or on the step slides.

For enclosure	References	Dimensions
Height (mm)		
750	NSYTVR7	625
1000	NSYTVR10	875
1250	NSYTVR125	1125
1500	NSYTVR15	1375

Note: Enclosures with widths of 1000 and 1250 allow the installation of 4 uprights to integrate 2 mounting plates of 500 mm or of 500 and 750 mm.



6



Rails

- Symmetric or asymmetric DIN rails for mounting on the technical uprights, ref. NSYTVR***.
- Fixings and accessories: see common accessories.
- To be ordered by multiples of 5 (5, 10, 15...).

For installation in enclosures with width (B) (mm)	DIN rail references	
	Symmetrical 35 x 15	Asymmetrical
500	NSYCSPLA50	NSYCAPLA50
750	NSYCSPLA75	NSYCAPLA75
1000 (1)	NSYCSPLA100	NSYCAPLA100

(1) Enclosures with a width of 1000 mm can accommodate 2 mounting plates with rail types NSYCSPLA50 or NSYCAPLA50.



M8 inserts

- To be placed in the bosses moulded on the doors, uprights, rear panels and bottom and top parts, for fixing accessories and assorted devices.
- Order by multiples of 8 (8, 16, 24...).

Description	Reference
M8 inserts	NSYTEX8



See also
the accessories

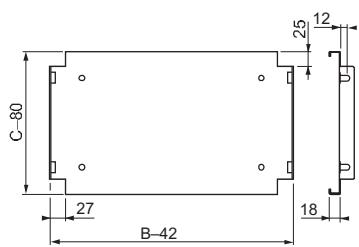
Other uprights
page 7/23

Rails and fixings
page 7/52

Fixing accessories
page 8/87

Mounting accessories

Equipment support accessories



Support plate

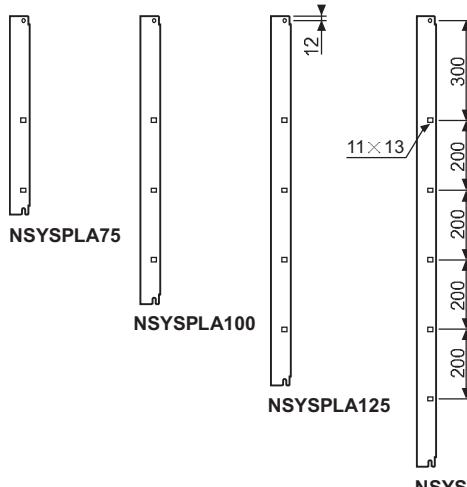
- Designed to support assorted equipment or simply to install a separation.
- It is installed directly on the bottom part of the enclosure.
- For the installation of one or several support plates, use 2 sets of 2 uprights suitable for the height (to be ordered separately). These uprights offer the option of adjusting the height with a step of 200 mm (see drawing below).
- Galvanised-steel material.
- Delivered with the fixings required for installation.
- In the 2-door enclosures, the installation of the plate or the uprights requires the prior installation of an intermediate support, ref. NSYSBPLA, presented below.

For enclosure (mm)		Max. load	Plate Reference
Depth (C)	Width (B)		
320	500	60 kg	NSYBANPLA53
320	750	60 kg	NSYBANPLA73
420	500	50 kg	NSYBANPLA54
420	750	50 kg	NSYBANPLA74



NSYSPLA100

For enclosure	N° of adjustments	Upright Reference
Height (mm)		
500	-	-
750	2	2 × NSYSPLA75
1000	3	2 × NSYSPLA100
1250	4	2 × NSYSPLA125
1500	5	2 × NSYSPLA150

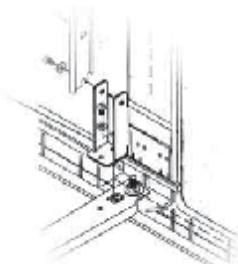


6

Intermediate support in the 2-door enclosures

- Required accessory for installing support plates, ref. NSYBANPLA*** or uprights, ref. NSYSPLA*** in the 2-door enclosures.

Description	Reference
Intermediate support	NSYSBPLA



Accessories



Renovation and anti-graffiti paint

- 2-component paint system, specially formulated for polyester enclosures. Renews enclosures and allows easy removal of graffiti.
- Paint composed of: base (80%) and hardener (20%).
- RAL 7032 grey.
- 2 references available:
 - 1 kg:
800 g tin of base paint
200 g tin of hardener
 - 5 kg:
4 kg tin of base paint
1 kg tin of hardener
- Coverage
 - 1 kg = 5 m²
 - 5 kg = 25 m²
- Solvent in 500 g bottles to be used as a paint thinner or to clean brushes.

Description	Reference
Anti-graffiti paint 1 kg	NSYAUPG1
Anti-graffiti paint 5 kg	NSYAUPG5
Anti-graffiti paint solvent 500 g	NSYAUPGS



6

★ Discover our ClimaSys thermal management offer

- Ventilation accessories.
- Filters.
- Regulation accessories.



See also
the accessories

Lighting accessories
pages 7/125 and 7/126

Power distribution accessories

Modular distribution accessories



Details of the depth adjustment.

Modular distribution chassis

- Chassis for modular switchgear, installed directly in the sealed enclosures (PLA version). For installation in enclosures with open bottom part (PLAZ version) it is necessary to use a set of adapter plates (ref. **NSYPTZ**).
- Chassis made up of cover plates, made from self-extinguishing insulating material, RAL 7032 grey, on a rigid galvanised-steel structure.
- Quick installation without fixings.
- Distance between rail and front panel with adjustable depth from 40 to 85 mm.
- System for identifying electrical circuits supplied.
- Neutral/earth strip: $2 \times 16 \text{ mm}^2 + 5 \times 6 \text{ mm}^2$ included in the standard offer.
- Incompatibility with: cable-entry plate, internal door, door switch and door retainer (ref. **NSYRETPLAU**).



Power distribution accessories

Modular distribution accessories

For enclosures (mm)		Nº of doors	Reference	Row distribution			
				Nº of rows	Rows for module		Number of plates
Height	Width	Height	Width		Number	Number of 18-mm modules	
750	500	1	NSYDLP76	4	4	76	-
750	500	1	NSYDLP57	4	3	57	1
750	750	1	NSYDLP132	4	4	132	-
750	750	1	NSYDLP99	4	3	99	1
750	1000	2	2 × NSYDLP76	4 + 4	4 + 4	152	-
750	1000	2	2 × NSYDLP57	4 + 4	3 + 3	114	1 + 1
750	1250	2	NSYDLP76 + NSYDLP132	4 + 4	4 + 4	208	-
750	1250	2	NSYDLP57 + NSYDLP99	4 + 4	3 + 3	156	1 + 1
1000	500	1	NSYDLP114	6	6	114	-
1000	500	1	NSYDLP95	6	5	95	1
1000	750	1	NSYDLP198	6	6	198	-
1000	750	1	NSYDLP165	6	5	165	1
1000	1000	2	2 × NSYDLP114	6 + 6	6 + 6	228	-
1000	1000	2	2 × NSYDLP95	6 + 6	5 + 5	190	1 + 1
1000	1250	2	NSYDLP114 + NSYDLP198	6 + 6	6 + 6	312	-
1000	1250	2	NSYDLP95 + NSYDLP165	6 + 6	5 + 5	260	1 + 1
1250	500	1	NSYDLP133	7	7	133	-
1250	500	1	NSYDLP114P	7	6	114	1
1250	750	1	NSYDLP231	7	7	231	-
1250	750	1	NSYDLP198P	7	6	198	1
1250	1000	2	2 × NSYDLP133	7 + 7	7 + 7	266	-
1250	1000	2	2 × NSYDLP114P	7 + 7	6 + 6	228	1 + 1
1250	1250	2	NSYDLP133 + NSYDLP231	7 + 7	7 + 7	364	-
1250	1250	2	NSYDLP114P + NSYDLP198P	7 + 7	6 + 6	312	1 + 1
1500	500	1	NSYDLP171	9	9	171	-
1500	500	1	NSYDLP152	9	8	152	1
1500	750	1	NSYDLP297	9	9	297	-
1500	750	1	NSYDLP264	9	8	264	1
1500	1000	2	2 × NSYDLP171	9 + 9	9 + 9	342	-
1500	1000	2	2 × NSYDLP152	9 + 9	8 + 8	304	-
1500	1250	2	NSYDLP171 + NSYDLP297	9 + 9	9 + 9	468	1 + 1
1500	1250	2	NSYDLP152 + NSYDLP264	9 + 9	8 + 8	416	1 + 1

Power distribution accessories

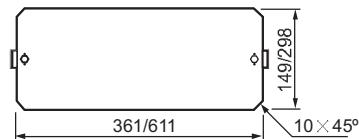
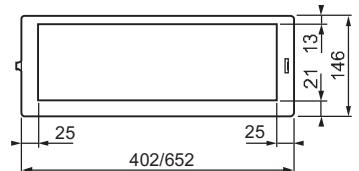
Modular distribution accessories



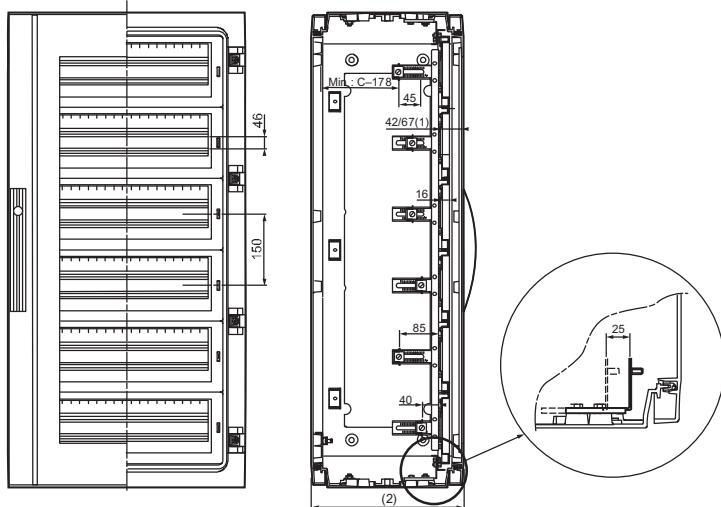
Detail from front-panel mounting.



Detail from the circuit-marking system.



Dimensions



(1) Dimensions of 42 or 67 mm or a pitch of 25 mm, according to the M8 boss chosen for the installation. See details in the enlarged image on the right. In the enclosures with glazed doors, the 2 dimensions are reduced by 5 mm.

(2) C = Depth of the enclosure.

Plain cover plate

- Self-extinguishing insulating material, RAL 7032 grey, for non-modular switchgear protection.
- Nominal height: 150 mm.
- Order by multiples of 2 (2, 4, 6...).

For enclosure width (mm)	Dimensions (mm)		Reference
	Height	Width	
500	146	402	NSYCTL500DLP
750	146	652	NSYCTL750DLP

6

Plain mounting plate

- Plate for fixing non-modular devices.
- Material: galvanised steel, 2 mm thick.
- Depth-adjustable fixing on the supports from 40 to 85 mm.
- Nominal height: 150 mm or 300 mm.
- Order by multiples of 2 (2, 4, 6...).

For enclosure width (mm)	Dimensions (mm)		Reference
	Height	Width	
500	149	361	NSYPMP500DLP
750	149	361	NSYPMP750DLP
500	298	611	NSYPMP5002DLP
750	298	611	NSYPMP7502DLP

19" accessories

19" chassis

- Very sturdy 19" metal chassis, designed for installation in enclosures with a width of 750 and 1250 mm (in the 750-mm enclosure, with a intermediate support, ref. NSYSBPLA).
- These chassis are available in 2 versions: fixed and swing.
- These chassis can be used as partial mounting plates in enclosures with higher-than-nominal height.
- Incompatible with the internal doors and the step slides.



Enclosure with 19" fixed chassis.

19" fixed chassis

- Fixed chassis made up of 2 uprights with fixings.
- For heights from 750 to 1500 mm, the installation requires ordering 1 batch of 2 matching uprights. If a chassis is installed in an enclosure with a greater height, it is necessary to use the suitable uprights for the size of the enclosure.
- Material: sheet steel, thickness 20 / 10 mm, RAL 7032 grey epoxy-polyester paint.
- Maximum load: 3 kg per U.

For enclosure (mm)		Number of U	Reference	
Height	Width		19" fixed chassis	Batch of 2 uprights
500	750	8	NSYBRF8PLA	-
750	750	12	NSYBRF12PLA	NSYSPLA75
1000	750	17	NSYBRF17PLA	NSYSPLA100
1250	750	21	NSYBRF21PLA	NSYSPLA125
1500	750	26	NSYBRF26PLA	NSYSPLA150

6



Enclosure with 19" swing chassis.

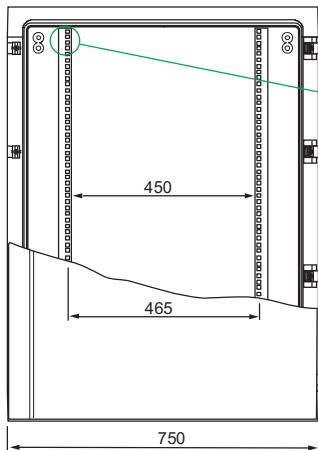
19" swing chassis

- Swing chassis opening to 120° with 5-mm double-bar key lock.
- For heights from 750 to 1500 mm, the installation requires ordering 1 batch of 2 matching uprights. If a chassis is installed in an enclosure with a greater height, it is necessary to use the suitable uprights for the size of the enclosure.
- Material: sheet steel, thickness 20 / 10 mm, RAL 7032 grey epoxy-polyester paint.
- Maximum load: 3 kg per U.

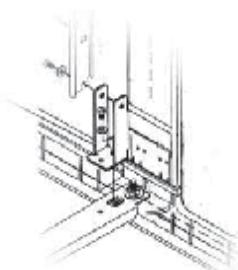
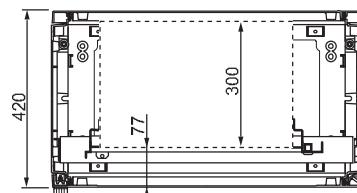
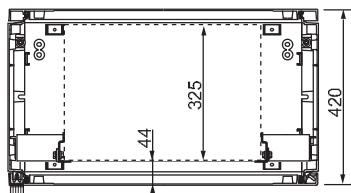
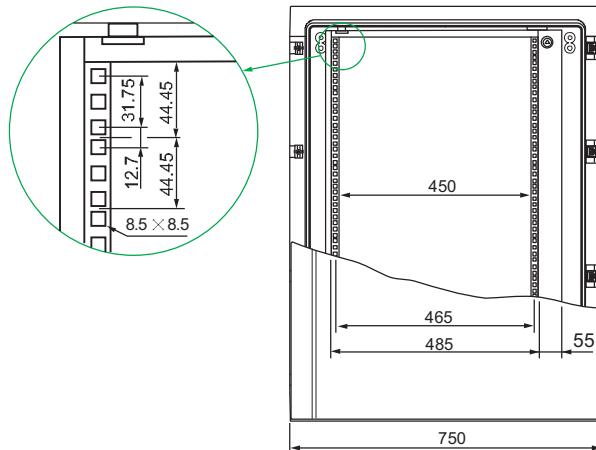
For enclosure (mm)		Number of U	Reference	
Height	Width		19" swing chassis	Batch of 2 uprights
500	750	7	NSYBRP7PLA	-
750	750	11	NSYBRP11PLA	NSYSPLA75
1000	750	16	NSYBRP16PLA	NSYSPLA100
1250	750	20	NSYBRP20PLA	NSYSPLA125
1500	750	25	NSYBRP25PLA	NSYSPLA150

Dimensions

19" fixed chassis



19" swing chassis



Intermediate support in the 2-door enclosures

- Accessory required for installing uprights, ref. NSYSPLA●●, in the 2-door enclosures.

Description	Reference
Intermediate support	NSYSBPLA

Polyester DIN floor-standing enclosure

Safety

- Full insulation for class II units.
- No risk to the public.
- Lock with 3-point closure.

Application

Designed to accommodate busbars.

Service life

High resistance to corrosion in harsh environments, maintaining its mechanical and insulation properties.

Installation on semi-embedded plinth

Facilitates the entry and positioning of cables.

6

**Customisation**

- Horizontal or depthwise coupling.
- Rear door.

Smart

Removable cross rail.

Easy

- Bosses for fixing inserts on the rear, the door and the side walls.
- Removable hinges.

**Smart**

Removable cross rail.

Polyester DIN floor-standing enclosure

Introduction



Enclosure ref. **NSYPLD8122** with the central upright fixed to the left door.



Enclosure ref. **NSYPLD8122C** with central upright, 2 doors and 2 locks.

Floor-standing enclosures designed mainly to accommodate busbars and DIN-type three-pole LV fuse blocks, for distributing power from the public grids.

The properties of the material and the manufacturing process are identical to those of the Thalassa PLA range.

Technical characteristics

- Floor-standing enclosures, made from polyester reinforced with fibreglass, moulded by hot compression, RAL 7032 grey colour.
- Direct fixing to the floor or on a plinth, with a height of 900 mm, partially embedded.
- Resistance to external mechanical impacts: IK 10 (20 joules).
- Ventilated floor-standing enclosures with a degree of protection of IP 43, according to IEC 60529 (IP 54 with sealing kit, see page **6/74**).
- Floor-standing enclosure with built-in canopy, not overhanging, allowing the coupling of enclosures side-to-side or back-to-back.
- Easily removable inner hinges, allowing the door to be reversed and to open to more than 180°.
- Doors equipped with impressions allowing the integration of inserts for M6 screws.
- Closing by handle with lever and 1242 E cylindrical safety lock. Other locks optionally available (see page **6/74**).
- Fixing points at the rear of the enclosure with:
 - M10 inserts: for installing, direct or on insulators, distribution bars for DIN-type three-pole fuse-holder strips and for a neutral bar.
 - M6 inserts: for installing a mounting plate.
- 2-door floor-standing enclosure with central upright:
 - Fixed to the enclosure and removable: one lock on each door.
 - Fixed to the left door: a single lock on the right door.
- M8 boss for installation on the lateral surfaces, inserts ref. **NSYTEX8** not supplied.
- M6 bosses in the roof for fixing the lighting or auxiliary equipment, inserts ref. **NSYTEX6** not supplied.

Selection guide for floor-standing enclosures and accessories



External dimensions (mm)			Floor-standing enclosures Page 6/71	Size DIN	No. of doors	No. of locks	Insulating mounting plates Page 6/75	Plinths Page 6/72	Number of fittings*
Height	Width (B)	Depth							
850	465	320	NSYPLD8500	00	1	1	NSYAPLD85	NSYZD5300	3 + N
850	590	320	NSYPLD860	0	1	1	NSYAPLD86	NSYZD630	4 + N
850	785	320	NSYPLD881	1	1	1	NSYAPLD88	NSYZD831	6 + N
850	1115	320	NSYPLD8122	2	2	1	NSYAPLD812	NSYZD1232	9 + N
850	1115	320	NSYPLD8122C	2	2	2	NSYAPLD812	NSYZD1232	9 + N

*Number of fuse-holder blocks + N = nut for direct connection fitting (e.g. 3 + N).

Plinth for DIN floor-standing enclosure

Introduction



Plinth height 900 mm

- Polyester plinth, reinforced with fibreglass, moulded by hot compression, RAL 7032 grey colour.
- Easy machining.
- Embeddable plinth ready for direct fixing of DIN floor-standing enclosures.
- Retractable top front panel, providing easy access to the inside of the enclosure.
- On the rear panel, housings with M6 inserts, allowing the fixing of the plate, DIN rail or assorted hardware.
- Lateral uprights with knock-out auxiliary outlet with a diameter of Pg 36 (48 mm).
- Internal U- and L-shaped metal uprigths, adjustable, for fixing cables.
- A knock-out zone is provided at the bottom of the lateral uprigths for cable entry.



Knock-out Pg 36 auxiliary outlet.

For floor-standing enclosure	References
Width (mm)	
465	NSYZD5300
590	NSYZD630
785	NSYZD831
1115	NSYZD1232

6



Lateral knock-out is removed.



Removable top front panel (not hinged).



- Other needs, other constraints? Please contact us.
- A specific offer will meet your requirements.

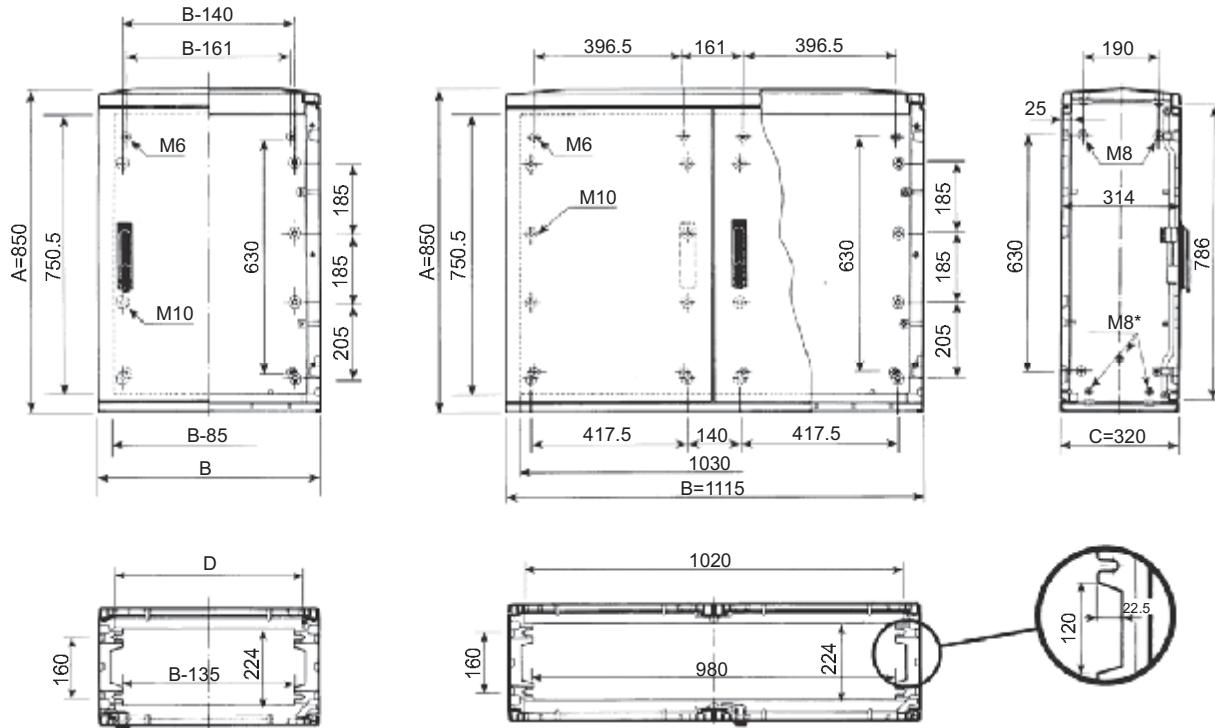
Polyester DIN floor-standing enclosure

Dimensions

B (mm)	D* (mm)	References	
		Floor-standing enclosures	Plinths
465	360	NSYPLD8500	NSYZD5300
590	495	NSYPLD860	NSYZD630
785	690	NSYPLD881	NSYZD831
1115	1020	NSYPLD8122	NSYZD1232

* Distance between the points for fixing the enclosure to the plinth.

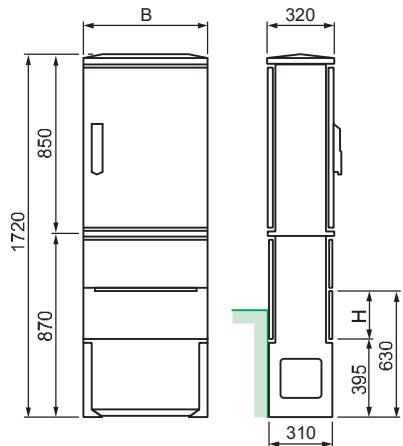
Floor-standing enclosures



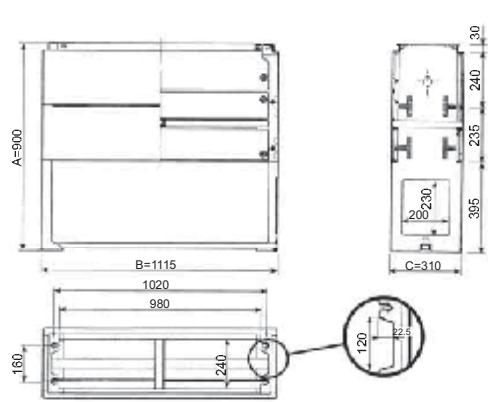
6

* Housing for M8 inserts, ref. NSYTEPLDM8.

Floor-standing enclosure plus plinth



Plinths



The H dimension relates to the finished floor height area.

Polyester DIN floor-standing enclosure

Composition accessories



IP 54 sealing kit

- Placed directly on the door and on the rear of the enclosure.
- Provides a degree of protection of IP 54.
- Seal made from black synthetic rubber.

For floor-standing enclosure	References
Width (mm)	
465	NSYJED8500
590	NSYJED860
785	NSYJED881
1115	NSYJED8122



Floor-standing supports

- Set of 2 metal supports for fixing the enclosure directly to the floor.

Name	Reference
Floor-standing support	NSYSPLD

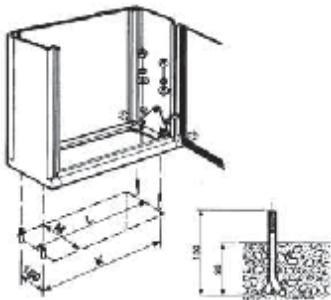


Table of fixing and opening dimensions			
K	L	M	For floor-standing enclosures
360	320	224	NSYPLD8500
495	455	224	NSYPLD860
690	650	224	NSYPLD881
1020	980	224	NSYPLD8122 and NSYPLD8122C

6



Locks and inserts

Locks

- Standard lock with retractable plastic handle and 1242 E semi-cylindrical safety lock.
- Other optional shape inserts or barrels and keys.

Inserts for optional change

Name	References
5-mm double bar	NSYDB5ME
6-mm male square	NSYTC6ME
7-mm male square	NSYTC7ME
8-mm male square	NSYTC8ME
6.5-mm male triangle	NSYTT6ME
8-mm male triangle	NSYTT8ME
Barrel and key 405	NSYTCL405ME
Reinforced semi-cylindrical barrel and key	NSYTLRME



Padlocking accessory

- Padlocking system, for Ø 9 mm padlock, preventing access to the handle.

Name	Reference
Padlocking accessory	NSYBCME

Polyester DIN floor-standing enclosure

Mounting accessories



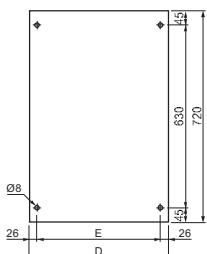
Insulating mounting plate

- It is placed directly on the rear of the enclosure.
- Insulating material, RAL 9005 black bakelite, thickness 5 mm.

For floor-standing enclosure	D (mm)	E (mm)	Weight (kg)	References
Width (mm)				
465	356	304	2	NSYAPLD85
590	481	429	2.7	NSYAPLD86
785	676	624	3.8	NSYAPLD88
1115	448.5	396.5	5	NSYAPLD812*

*The reference includes 2 mounting plates with the dimensions of the table.

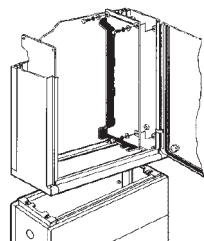
Dimensions



Lateral uprights for busbars

- Made from RAL 7032 grey polyester.
- They are fixed to the plinth, ref. **NSYZD*****.
- They are designed to accommodate busbars, fixed to the built-in inserts.
- This installation is used with a polyester DIN floor-standing enclosure previously machined to obtain a completely open bottom part. This machining is available in the customised offer.
- The enclosure is positioned from the top on the set made of both lateral uprights plus the plinth.
- The fixings supplied allow the attachment of the 2 uprights to the enclosure.

Name	Reference
Lateral uprights	NSYBPLDN



6

LV public distribution application with DIN three-pole fuse blocks: floor-standing enclosure and plinth



See also
the accessories

Inserts
page 6/62

Document pocket
page 7/130

Lighting
pages 7/125 and 7/126