

Steel wall-mounting enclosures

Characteristics



Characteristics	Spacial S3D
	Three steel enclosure definitions are available: ■ Enclosure with plain door. ■ Enclosure with plain door delivered with a galvanised plain mounting plate, not installed. ■ Enclosure with glazed door, 4-mm-thick Securit® glass. Personnel protection ■ Earth connection: Spacial S3D steel enclosures are equipped with M6 x 16 earth studs welded in the body and the door for equipotential connection. Earth braid to be ordered separately (see page 301). ■ Closing the enclosure: the enclosures are equipped from the height of 600 mm with three locking points with linkage, with a single control point, preventing the enclosures from being left ajar. Locks and inserts, page 66.
Material	Steel
Finish	Structured finish, epoxy-polyester powder
Colour	RAL 7035 grey
Ingress protection rating	■ IP66 for the single-door enclosures and IP55 for the double-door enclosures, according to IEC 60529
Mechanical protection rating	■ IK10 for the plain-door enclosures, according to IEC 62262 ■ IK08 for the glazed-door enclosures
Standards	Compliance with enclosure standards IEC 62208 The Spacial S3D wall-mounting enclosures are compliant with the RoHS directive
Certifications	■ UL, CUL, BV, DNV, GL, ATEX (modified enclosure) ■ NEMA type 4, 4X for the single-door enclosures and NEMA type 12, 12K, 13 for the double-door enclosures according to NEMA 250 standard. Information on NEMA & UL classification on pages 536 and 537 Nuclear decontamination: RAL 7035 and AFNOR A550 tests available on demand. More information on coating properties on pages 538 and 539
Installation	Outdoor installation: compliant with IEC 62208 regarding type tests specified in §9.12 (resistance to ultra-violet (UV) radiation) and §9.13 (resistance to corrosion) It is always advisable to install a canopy to avoid water stagnation on the upper part of the enclosure
Fixing	4 (or 6**) M8 x 25 shouldered backstuds for installing mounting plates and step slides, leaving a space of 10 mm behind them.
Supply	Body ■ Single-piece body (cross-shaped structure). Gutter-shaped front profile with double fold. Flat rear ■ M6 x 16 earthing screws for equipotential connection between the door and the body of the enclosure ■ Cable-gland plate with marking for easy drilling and to guarantee the maximum access surface; delivered with the enclosure. This plate is flush with the body of the enclosure (detail and other options on page 70) ■ Direct wall-mounting (4 Ø 10 holes for the sealing plugs guaranteeing the IP) or with the help of fixing lugs installed from the outside (to be ordered separately, see page 60) Door ■ Wall-mounting enclosure supplied with 3-mm double-bar lock as standard ■ Polyurethane door gasket ■ M6 x 16 earthing screws for equipotential connection between the door and the body of the enclosure ■ Easily removable and reversible, with 20-mm return with double thickness granting excellent rigidity, opening to 120°, equipped with 2 or 3 invisible hinges* ■ Door opening to 180° with optional hinges (page 68) ■ For heights from 600 mm, three locking points with linkage, with a single control point. Simple reversal of linkage. Maximum load: 50 kg/m² ■ A handle is delivered which provides 2 functions: □ Operating key □ Tool for loosening the stud protection caps. This handle can be solidly attached to the locking system by means of a captive element ■ Perforated rails on the door, with drill holes with a diameter of 4.2 mm in steps of 25 mm: □ 2 vertical rails from the height of 400 mm □ 2 vertical rails and 2 horizontal rails from the width of 800 mm

* From the height of 800 mm.

** 6 studs for widths 1000 and 1200 (see pages 74 and 75).

Steel wall-mounting enclosures

Selection guide

PB500096-13



PB500097-13



PB500072-13



PB500100-13



PB500101-16



Characteristics						Door			Mounting plate			
Dimensions (mm)			No. of doors	IP	Weight (kg) (2)	Plain		Glazed	Plain	Silkscreened (3)	Microperforated	
H	W	D				With mounting plate	Without mounting plate	Without mounting plate				
300	200	150	1	66	3.02	NSYS3D3215P	NSYS3D3215	-	NSYMM32	-	NSYMF32	
	250	150	1	66	3.48	NSYS3D32515P	NSYS3D32515	NSYS3D32515T	NSYMM3025	-	-	
	300	150	1	66	3.90	NSYS3D3315P	NSYS3D3315	NSYS3D3315T	NSYMM33	-	NSYMF33	
		200	1	66	4.50	NSYS3D3320P	NSYS3D3320	NSYS3D3320T	NSYMM33	-	NSYMF33	
	400	150	1	66	4.82	NSYS3D3415P	NSYS3D3415	NSYS3D3415T	NSYMM43	NSYMS43	NSYMF43	
		200	1	66	5.60	NSYS3D3420P	NSYS3D3420	NSYS3D3420T	NSYMM43	NSYMS43	NSYMF43	
400	300	150	1	66	4.90	NSYS3D4315P	NSYS3D4315	NSYS3D4315T	NSYMM43	NSYMS43	NSYMF43	
		200	1	66	5.00	NSYS3D4320P	NSYS3D4320	NSYS3D4320T	NSYMM43	NSYMS43	NSYMF43	
	400	200	1	66	6.50	NSYS3D4420P	NSYS3D4420	NSYS3D4420T	NSYMM44	NSYMS44	NSYMF44	
	600	200	1	66	10.50	NSYS3D4620P	NSYS3D4620	NSYS3D4620T	NSYMM64	NSYMS64	NSYMF64	
		250	1	66	12.00	NSYS3D4625P	NSYS3D4625	NSYS3D4625T	NSYMM64	NSYMS64	NSYMF64	
	500	300	200	1	66	7.50	NSYS3D5320P	NSYS3D5320	NSYS3D5320T	NSYMM53	NSYMS53	NSYMF53
500	400	200	1	66	9.30	NSYS3D5420P	NSYS3D5420	NSYS3D5420T	NSYMM54	NSYMS54	NSYMF54	
		250	1	66	10.20	NSYS3D5425P	NSYS3D5425	NSYS3D5425T	NSYMM54	NSYMS54	NSYMF54	
	500	200	1	66	11.18	NSYS3D5520P	NSYS3D5520	NSYS3D5520T	NSYMM55	NSYMS55	NSYMF55	
		250	1	66	12.06	NSYS3D5525P	NSYS3D5525	NSYS3D5525T	NSYMM55	NSYMS55	NSYMF55	
	600	400	200	1	66	11.00	NSYS3D6420P	NSYS3D6420	NSYS3D6420T	NSYMM64	NSYMS64	NSYMF64
		250	1	66	12.00	NSYS3D6425P	NSYS3D6425	NSYS3D6425T	NSYMM64	NSYMS64	NSYMF64	
600	500	250	1	66	16.20	NSYS3D6525P	NSYS3D6525	NSYS3D6525T	NSYMM65	-	NSYMF65	
	600	200	1	66	14.00	NSYS3D6620P	NSYS3D6620	NSYS3D6620T	NSYMM66	NSYMS66	NSYMF66	
		250	1	66	15.00	NSYS3D6625P	NSYS3D6625	NSYS3D6625T	NSYMM66	NSYMS66	NSYMF66	
		300	1	66	17.00	NSYS3D6630P	NSYS3D6630	NSYS3D6630T	NSYMM66	NSYMS66	NSYMF66	
		400	1	66	19.00	NSYS3D6640P	NSYS3D6640	NSYS3D6640T	NSYMM66	NSYMS66	NSYMF66	
	800	300	1	66	25.50	NSYS3D6830P	NSYS3D6830	NSYS3D6830T	NSYMM86	NSYMS86	NSYMF86	
700	500	250	1	66	15.00	NSYS3D7525P	NSYS3D7525	NSYS3D7525T	NSYMM75	NSYMS75	NSYMF75	
800	600	200	1	66	21.00	NSYS3D8620P	NSYS3D8620	NSYS3D8620T	NSYMM86	NSYMS86	NSYMF86	
		250	1	66	23.00	NSYS3D8625P	NSYS3D8625	NSYS3D8625T	NSYMM86	NSYMS86	NSYMF86	
		300	1	66	25.00	NSYS3D8630P	NSYS3D8630	NSYS3D8630T	NSYMM86	NSYMS86	NSYMF86	
		400	1	66	29.00	NSYS3D8640P	NSYS3D8640	NSYS3D8640T	NSYMM86	NSYMS86	NSYMF86	
	800	250	1	66	30.00	NSYS3D8825P	NSYS3D8825	NSYS3D8825T	NSYMM88	-	NSYMF88	
		300	1	66	32.00	NSYS3D8830P	NSYS3D8830	NSYS3D8830T	NSYMM88	-	NSYMF88	
	1000	300	1	66	38.00	NSYS3D81030P	NSYS3D81030	-	NSYMM108	-	NSYMF108	
		300	2	55	43.50	NSYS3D81030DP	NSYS3D81030D	-	NSYMM108	-	NSYMF108	
	1200	300	2	55	46.00	NSYS3D81230DP	NSYS3D81230D	-	NSYMM128	-	NSYMF128	
	1000	600	250	1	66	28.00	NSYS3D10625P	NSYS3D10625	NSYS3D10625T	NSYMM106	-	NSYMF106
1000		300	1	66	30.60	NSYS3D10630P	NSYS3D10630	NSYS3D10630T	NSYMM106	-	NSYMF106	
		400	1	66	33.00	NSYS3D10640P	NSYS3D10640	NSYS3D10640T	NSYMM106	-	NSYMF106	
	800	250	1	66	35.00	NSYS3D10825P	NSYS3D10825	NSYS3D10825T	NSYMM108	-	NSYMF108	
		300	1	66	38.00	NSYS3D10830P	NSYS3D10830	NSYS3D10830T	NSYMM108	-	NSYMF108	
		400	1	66	42.00	NSYS3D10840P	NSYS3D10840	NSYS3D10840T	NSYMM108	-	NSYMF108	
	1000	300	1	66	46.00	NSYS3D101030P	NSYS3D101030	NSYS3D101030T	NSYMM1010	-	NSYMF1010	
		300	2	55	46.00	NSYS3D101030DP	NSYS3D101030D	NSYS3D101030DT	NSYMM1010	-	NSYMF1010	
	1200	300	2	55	53.00	NSYS3D101230DP	NSYS3D101230D	-	NSYMM1210	-	NSYMF1210	
		400	2	55	60.00	NSYS3D101240DP	NSYS3D101240D	-	NSYMM1210	-	NSYMF1210	
	600	300	1	66	37.00	NSYS3D12630P	NSYS3D12630	NSYS3D12630T	NSYMM126	-	NSYMF126	
1200		400	1	66	42.00	NSYS3D12640P	NSYS3D12640	NSYS3D12640T	NSYMM126	-	NSYMF126	
	800	300	1	66	45.00	NSYS3D12830P	NSYS3D12830	NSYS3D12830T	NSYMM128	-	NSYMF128	
		400	1	66	49.00	NSYS3D12840P	NSYS3D12840	NSYS3D12840T	NSYMM128	-	NSYMF128	
	1000	300	1	66	53.00	NSYS3D121030P	NSYS3D121030	NSYS3D121030T	NSYMM1210	-	NSYMF1210	
		300	2	55	54.00	NSYS3D121030DP	NSYS3D121030D	NSYS3D121030DT	NSYMM1210	-	NSYMF1210	
		400	2	55	61.00	NSYS3D121040DP	NSYS3D121040D	-	NSYMM1210	-	NSYMF1210	
	1200	300	2	55	64.00	NSYS3D121230DP	NSYS3D121230D	-	NSYMM1212	-	2 x NSYMF126 +	
		400	2	55	90.00	NSYS3D121240DP	NSYS3D121240D	-	NSYMM1212	-	2 x NSYMF126 +	
	1400	1000	300	2	55	80.00	NSYS3D141030DP	NSYS3D141030D	-	NSYMM1410	-	-

(1) For other dimensions, see our application offer.

(2) Enclosure without mounting plate.

(3) In inverted use, the marking is inverted.

Wall-fixing lugs

PB502979-6



Steel: **NSYAEFPFSC**
Stainless steel: **NSYAEFPFXSC**
Page 60

Reinforcement for heavy loads

PB502980-10



NSYAEFAHLBSC
Page 60

Locking accessories

PB500344-15

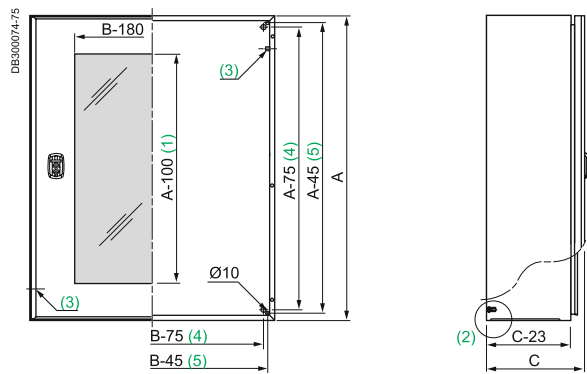


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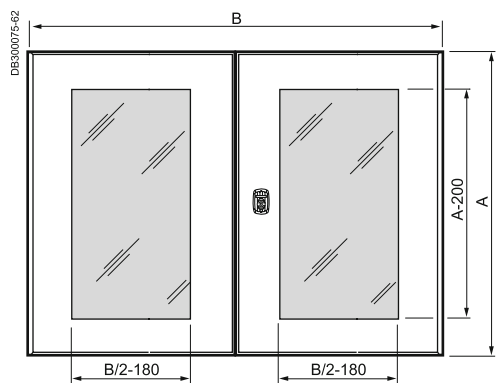
Steel wall-mounting enclosures

Dimensions

1-door enclosure

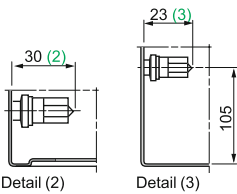
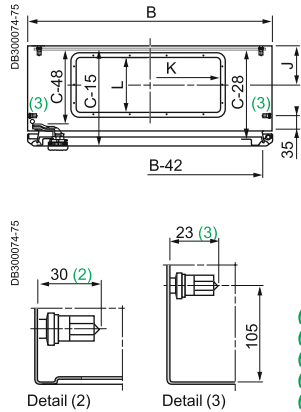


2-door enclosure



Enclosure (mm)		Cable-gland plate**						
Width	Depth	Dim. (mm)	Type	No.	J	K	L	
200 - 250	150 - 250	140 x 80	A	1	57	115	55	
300 - 400	150	245 x 80	B	1	57	220	55	
300	200	245 x 130	C	1	80	220	105	
400	200 - 250	345 x 130	D	1	80	320	105	
500	200 - 250	445 x 130	E	1	80	420	105	
600	200 - 250	545 x 130	F	1	80	520	105	
600	300 - 400	495 x 220	G	1	126*	470	195	
800	250 - 300 - 400	345 x 130	D	2	95	320	105	
1000 - 1200	300 - 400	445 x 130	E	2	95	420	105	

* Except enclosure 1000 x 600 x 400 mm, J = 140 mm.
** Cable-gland plate references: page 70.



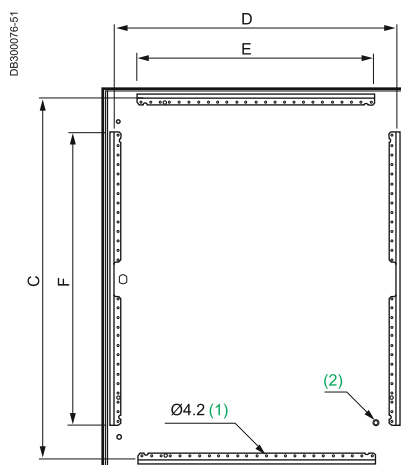
- (1) A-200 from the height of 800 mm.
- (2) 4 or 6 (widths 1000 - 1200 mm) M8 x 25 mm backstuds.
- (3) 2 M6 x 17.5 mm earthing studs.
- (4) Stud centre-to-centre distance.
- (5) Centre-to-centre distance of the holes for direct fixing.

The DXF diagrams can be downloaded from our websites.

Perforated rails on plain door*

Enclosure* (mm)		Perforated rails on the door (mm)				Perforated rails on the double door (mm)				Perforated rails on the internal door (mm)			
		Vertical		Horizontal		Vertical		Horizontal		Vertical		Horizontal	
Height	Width	F	D	E	C	F	D	E	C	F	D	E	C
400	300	320	237	-	-	-	-	-	-	-	-	-	-
	400	320	337	-	-	-	-	-	-	-	-	-	-
	600	320	537	-	-	-	-	-	-	-	-	-	-
500	300	370	237	-	-	-	-	-	-	-	-	-	-
	400	370	337	-	-	-	-	-	-	-	-	-	-
	500	370	437	-	-	-	-	-	-	-	-	-	-
600	400	370	337	-	-	-	-	-	-	-	-	-	-
	500	370	437	-	-	-	-	-	-	-	-	-	-
	600	370	537	-	-	-	-	-	-	-	-	-	-
	800	370	737	-	-	-	-	-	-	-	-	-	-
700	500	470	437	-	-	-	-	-	-	-	-	-	-
800	600	570	537	-	-	-	-	-	-	-	-	-	-
	800	570	737	620	749	-	-	-	-	-	-	-	-
	1000	570	937	820	749	570	437	320	749	620	437	320	749
	1200	-	-	-	-	570	537	420	749	620	537	420	749
1000	600	770	537	420	949	-	-	-	-	-	-	-	-
	800	770	737	620	949	-	-	-	-	-	-	-	-
	1000	770	937	820	949	770	437	320	949	820	437	320	949
	1200	-	-	-	-	770	537	420	949	820	537	420	949
1200	600	970	537	420	1149	-	-	-	-	-	-	-	-
	800	970	737	620	1149	-	-	-	-	-	-	-	-
	1000	970	937	820	1149	970	437	320	1149	1020	437	320	1149
	1200	-	-	-	-	970	537	420	1149	1020	537	420	1149
1400	1000	-	-	-	-	970	437	320	1349	1020	437	320	1349

* The doors of enclosures with dimensions of less than 800 x 600 mm do not have horizontal cable guides.



* The glazed doors are equipped with a vertical cable guide, on the hinge side.

(1) Perforations in steps of 25 mm.

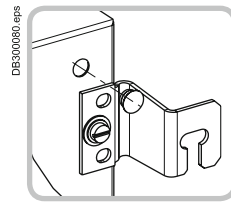
(2) 1 M6 x 17.5 mm earthing stud.

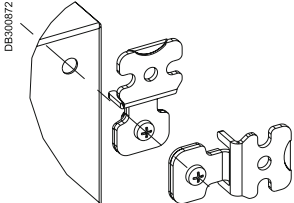
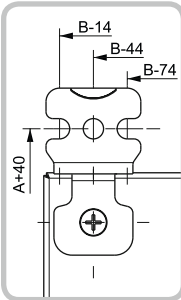
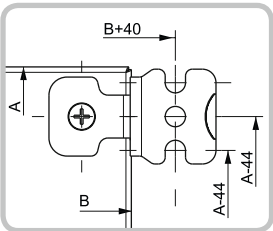


Download

Download the configuration sheets and DXF diagrams from www.schneider-electric.com
Send them back to your local Schneider Electric office.
Take advantage of a shorter delivery time!

Fixing



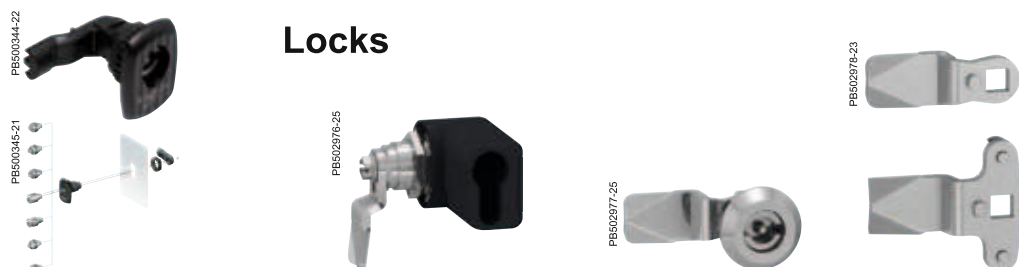
Characteristics	Wall-fixing lugs			Kit for heavy loads	Wall-fixing lugs with wall-enclosure separation
	Set of 4 wall-fixing lugs. Mounted directly on the rear of the enclosure, either in horizontal or vertical position. Two types of position, for a wall-enclosure separation of 10 mm. Do not use for dynamic loads.			Kit made up of 2 reinforcement pieces. To be mounted before installing the mounting plate in top position with the standard lugs (to be ordered separately).	Batch of 4 wall-fixing lugs. Separation of 40 mm from the wall at the rear of the enclosure. Need to drill a hole to prevent rotation.
Material	Steel	AISI 304 stainless-steel	Steel	Steel	Steel
Maximum load	250 kg			400 kg	100 kg
Supply	Supplied with fixing screws and pre-mounted sealing gaskets		4 fixing brackets + covers	-	-
References					
	NSYAEFPFSC	NSYAEFPFXSC	NSYAEFPFSC2*	NSYAEFAHLBSC	NSYAEFPF40SC
	DB300872  Installation from the outside. Fixing centre-to-centre distance with lugs (M8 screw) DB300873   Vertical position. Horizontal position.				

You will find the weights of the Spacial S3D enclosures without mounting plate in the selection guide on page 52.
* Available in 2015.

Handles



Characteristics	Standard handle	Standard handles with keys	Handle lock operated using screwdriver insert
	Operating handle delivered with the enclosure. ■ It can be attached to the locking system by means of a fixing element. ■ It can also be used to loosen the caps protecting the studs when painting.	Attractive and ergonomic bi-material handle. ■ Large range of barrels covering all the most common needs. ■ Standard cam (see diagram above). ■ The installation of the standard handle does not require the escutcheon to be removed.	-
Supply	-	Delivered with 2 keys	-
References			
-	-	-	NSYTSMLS3D
1242	-	NSYAEDL1242S3D	-
405	-	NSYAEDL405S3D	-
421	-	NSYAEDL421S3D	-
455	-	NSYAEDL455S3D	-
2331A	-	NSYAEDL2331S3D	-
2433A	-	NSYAEDL2433S3D	-
3113A	-	NSYAEDL3113S3D	-
3524E	-	NSYAEDL3524S3D	-
3131A	-	NSYAEDL3131AS3D New	-
610	-	NSYAEDL610S3D New	-

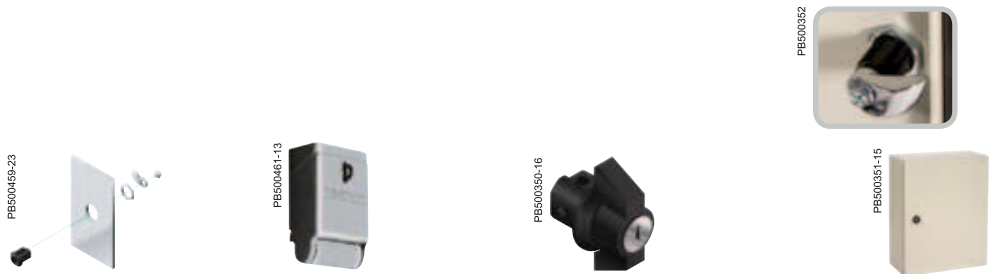


Locks

Characteristics	Standard locks	Barrel DIN kit	Double bar 3 mm metal lock	Metal cam kit 1 point and 3 points
	Spacial S3D wall-mounting enclosures are supplied with a 3 mm double-bar lock as standard. ■ Spare lock: order ref. NSYAEDLS3DRL (escutcheon + cam + washer). ■ Large range of standardised inserts covering all the most common needs. ■ Installation and removal with a single screw.	■ Mounting of half-cylinder according to DIN 18252 (EN1303) brass nickel plated with 2 keys. Cam can be turned every 45°. ■ Easy mounting instead of standard lock.	Easy mounting instead of standard lock.	To adapt other locks.
Material	-	Polyamide GF	Zamack	Zinc-coated metal
Mechanical protection rating	-	IP66	-	-
Supply	Delivered with 1 plastic key	Delivered with metal cam 1 point and metal cam 3 points	Delivered with metal cam 1 point and metal cam 3 points	-
References				
-	-	NSYAEDDINS3D*	NSYAEDLB3MS3D*	NSYAEDLMETS3D*
6 mm square	NSYAEDLS6S3D			
7 mm square	NSYAEDLS7S3D			
8 mm square	NSYAEDLS8S3D			
3 mm double bar	NSYAEDLB3S3D			
5 mm double bar	NSYAEDLB5S3D			
CNOMO 6.5 mm triangular	NSYAEDLT6S3D			
8 mm triangular	NSYAEDLT8S3D			

* Available from June 2015.

Locks



Characteristics	Other lock with screwdriver insert and metal latch	Padlock	Other locks with keys	"Push-close" locking system
	-	Easy mounting instead of the standard lock.	Easy mounting instead of the standard lock.	The Spacial S3D enclosures can be transformed into push-close enclosures. ■ The push-close enclosure is used in various applications and fully meets the security demands of the market. ■ Locking system with a 6.5-mm push-close system in accordance with CNOMO standards. ■ This system allows the door to be closed and locked by simply pushing it. ■ System made up of a lock and a closure plate. ■ It is only installed on enclosures with 1 locking point (H < 600 mm). ■ Other dimensions: contact us.
Material	-	Zamack	-	-
Mechanical protection rating	-	-	-	IP55
Supply	-	Delivered with 3 mm double-bar metal key	Metal cam supplied	-
References				
	NSYAEDLSDS3D	Padlockable (1) NSYAEDLPADS3D		NSYAEDLPSS3D
EDF 900	-	-	NSYAEDLEDF9S3D	-
EDF 1300	-	-	NSYAEDLEDF13S3D	-
EDF 1400	-	-	NSYAEDLEDF14S3D	-
		DB30009F-33		

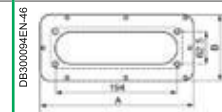
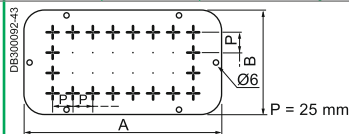
(1) Diameter 8 mm.

Cable-gland plates

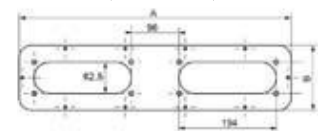


Characteristics	Standard cable-gland plate	Aluminium cable-gland plate	Cable-gland plates with FL type cut-out for cable-gland membranes
	Plate delivered as standard with the Spacial S3D universal enclosure. Surface with markings in steps of 25 mm, to facilitate drilling.	Suitable for non-magnetic applications.	Mounting instead of the Spacial S3D plate. Cut-outs for installation of membranes type FL 21 (1), page 279.
Material	Steel	Brushed-finish aluminium	Steel, structured finish RAL 7035
Thickness	15/10 ^e mm	30/10 ^e mm	-
Ingress protection rating	-	-	-
Certifications	-	-	-
Fixing	Fixing by 4, 6, 8, 10 or 12 screws, according to the model	Fixing by 4, 6, 8, 10 or 12 screws, according to the model	Fixing by 4, 6, 8, 10 or 12 screws, according to the model
Other characteristics	-	-	-
Supply	-	-	-

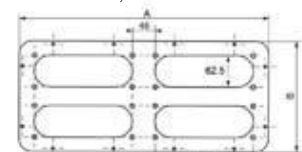
For wall-mounting enclosures (mm)		Type	Plate dimensions (mm)		References					
Width	Depth		Width (A)	Depth (B)	No. of Ø 6 holes	No. of markings		No. of Ø 6 holes		
200-250	150	A	140	80	4	8	NSYTLA	4	NSYTLAU	NSYTLAFL (4)
300-400	150	B	245	80	4	16	NSYTLB	4	NSYTLBU	NSYTLBFL (3)
300	200	C	245	130	6	32	NSYTLCL	6	NSYTLCLU	NSYTLCLFL
400	200-250	D	345	130	8	48	NSYTLDD	8	NSYTLDDU	NSYTLDDFL
500	200-250	E	445	130	9	64	NSYTLLE	9	NSYTLLEU	NSYTLLEFL
600	200-250	F	545	130	10	80	NSYTLFF	10	NSYTLFFU	NSYTLFFFL
										NSYTLFF2FL (2)
	300-400	G	495	220	12	126	NSYTLGG	12	NSYTLGGU	NSYTLGGFL
800	250-300-400	D*	345	130	-	-	2 x NSYTLDD	-	2 x NSYTLDDU	2 x NSYTLDDFL
1000-1200	300-400	E*	445	130	-	-	2 x NSYTLLE	-	2 x NSYTLLEU	2 x NSYTLLEFL



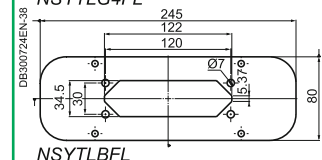
NSYTLBFL, NSYTLCLFL, NSYTLDDFL, NSYTLLEFL, NSYTLFFFL, NSYTLGGFL



NSYTLFF2FL, NSYTLGG2FL



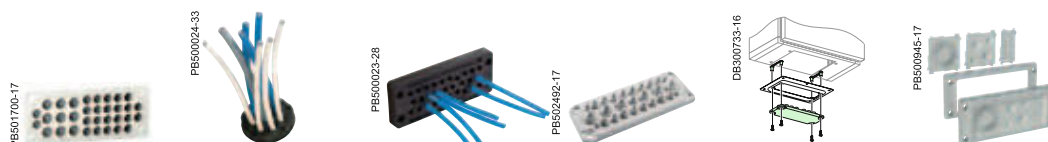
NSYTLGG4FL



NSYTLBFL

* Enclosure with 2 cable-gland plates. - (1) Cut-out FL13 for depth 150 mm; and cut-out FL21 for other depths.
 (2) With 2 FL21 cut-outs: ref. **NSYTLG2FL**; with 4 FL21 cut-outs: ref. **NSYTLG4FL**. - (3) **NSYTLBFL** with FL13 cut-out.
 (4) **NSYTLAFL** cannot be mounted on enclosure width 200 and depth 150.

Cable entries overview



Characteristics	Multi-A	Multi-C	Multi-R	Multi-T	Prisma	Multi-F
	FL13 & FL21 type membranes.	Circular connector-free entries.	Rectangular connector-free entries.	FL21-type membranes.	FL21 or rectangular.	FL13 & FL21 pre-configured flanges.
Cable entry material	Combined	Soft membrane cable entries				
Cable glands to be fitted	Optional: specific cable clamp ref. NSYAECPLACA●● to be used	No	No	No	No	No
Installation possibilities	On cable gland plate adapter or directly on enclosure	On modified cable gland plate or directly on enclosure	On cable gland plate with special cut-out or directly on enclosure	On cable gland plate adapter or directly on enclosure	On cable gland plate adapter or directly on enclosure	On cable gland plate adapter or directly on enclosure
Flexibility of the installation	Medium	Medium	Medium	Medium	Medium	Medium
Reversibility	Medium	Full	Full	Medium	Medium	Medium
Ingress protection rating	IP65	IP65	IP65	IP65	IP55	IP65
Cable retention	High with cable clamp, (upto 18 daN)	Medium	Medium	Low	Low	Low
Cable diameter (mm)	From 13 to 30	From 3 to 15.9	From 4.3 to 15.9	From 6 to 60	From 7 to 72	From 16 to 50
Cable Installation time	Medium	Fast	Fast	Fast	Fast	Fast
Quantity of cables to be fitted for a given surface	++	++	++	++	++	++
Cable entries for cables with connectors	No	No	No	No	No	No
Cut-out dimensions (mm)	FL13 and FL21	Ø 50.5 Ø 63.5	112 x 36	FL21	FL21	From 134 x 52 to 214 x 90
External dimensions (mm)	216 x 84	Ø 58 to 71	146 x 14 x 58	216 x 84	216 x 84	From 134 x 52 to 214 x 90
Certificates	-	UL94-V0	UL94-V0	UL94-V0	-	UL94-HB
Flame resistance	750°C	650°C	650°C	650°C	-	-
References*						
	NSYAECPLA7 NSYAECPLA10 NSYAECPLA25 NSYAECPLA33	NSYTSAM504SE NSYTSAM508SE NSYTSAM638SE NSYTSAM6313SE	NSYTSA2414SE NSYTSA2417SE NSYTSA2422SE NSYTSA2423SE NSYTSA2429SE	NSYAECFLBP** NSYAECFLT7 NSYAECFLT25 NSYAECFLT35	08881 08892 08895 08897 08898 08899	NSYAECPKFL11 NSYAECPKFL7A NSYAECPKFL7B NSYAECPKFL10

* For details, type the reference in the search engine of www.schneider-electric.com.

** Metallic plate.