

Life Is On

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Electric



Spacial stainless-steel enclosures

Protection in hygienic and corrosive environments



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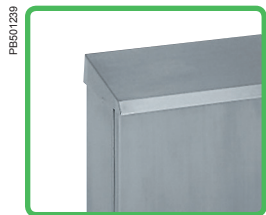
Spacial stainless-steel wall-mounting enclosures

➤ These enclosures have been specially designed for the chemical, oil and food and beverage industries, among others, which are particularly demanding in terms of hygiene and resistance to corrosion.



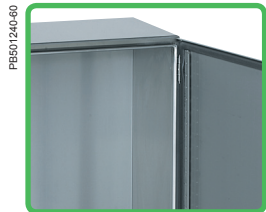
Finishes

- Two types of steel offered as standard: 304L and 316L, with Scotch-Brite® brushed finish.
- Painted or micro-beaded finish (on request).



Large range of accessories

- Stainless-steel accessories: canopy, wall-fixing lugs.
- Accessories of the standard offer: mounting plate, inner door, modular chassis and step slides.
- Large selection of locks.



Sealing

- Protection rating of IP66 (1 door) or IP55 (2 doors) according to IEC 60529: complete protection against dust and water sprays.
- Polyurethane gasket.
- Gutter-shaped front profile.
- Three closure points for the double door.



Robustness and durability

- Resistance to external mechanical impacts:
 - IK10: plain door,
 - IK08: glazed door.
- Door reinforcement frame or profile.
- Stainless-steel hinges.



Convenience and time saving

- 304 or 316L stainless-steel wall-mounting brackets.
- Vertical reinforcement perforated profiles, which make it easier to equip the door.
- Reversible door opening to 120°.
- Easy installation directly on the machine thanks to the 4 rear drill holes.

This range can be configured according to your needs

4 different services available:



Assemble to order



Mounting of standard accessories



Painting



Machining

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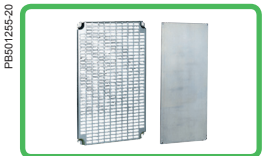
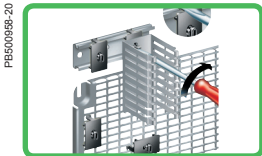
Characteristics					304L stainless-steel		316L stainless-steel
					Enclosure with plain door.	Enclosure with glazed door, Securit® glass, 4 mm thick.	Enclosure with plain door.
Material					AISI 304L		AISI 316L
Finish					Scotch-Brite® brushed		
Thickness					10/10* - 15/10* mm		
Ingress protection rating					IP66 (1 door) or IP55 (2 doors)		
Mechanical protection rating					IK10	IK08	IK10
Standards					• IEC 62208		
Certifications					• UL 508A		
					• CSA-C22.2 No. 14		
					• NEMA		
					– 1 door enclosure: type 1, 2, 3, 3R, 4, 4X, 5, 12, 13		
					– 2 doors enclosure: type 1, 12, 12K		
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		
Other characteristics					• Single-piece body (cross-shaped structure). Gutter-shaped front profile		
					• 4 rear studs for mounting the material		
					• 2 cut-out vertical profiles on the door (from a height of 600 mm), with drill holes with a diameter of 4.25 mm and a pitch of 25 mm for installing accessories		
					• Door strengthening frame (from a height of 1000 mm), cross-section of 20 mm x 15 mm, with drill holes with a diameter of 5 mm and a pitch of 25 mm		
					• Standard lock with 3-mm double-bar lock (chrome-plated zamak)		
					• 2 locking points for heights of more than 500 mm or three points for two-door enclosures		
					• Stainless-steel hinges screwed to the body of the enclosure. They make it easier to remove and invert the door. Opening angle: 120°		
					• Maximum load on the door: 50 kg/m²		
					• Polyurethane gasket		
					• M6 x 16 screws on the door and on the body, allowing equipotential connection between the earth connections (on request)		
					• 4 holes for mounting to wall directly or with the help of mounting lugs (on request), blocked by sealing plugs		
External dimensions - mm (in)					References		
Height	Width	Depth	No. of locks	No. of doors	Plain door	Glazed door**	Plain door
300 (11.8)	200 (7.9)	150 (5.9)	1	1	NSYS3X3215	-	NSYS3X3215H
	250 (9.8)	150 (5.9)	1	1	NSYS3X302515	-	NSYS3X302515H
	300 (11.8)	150 (5.9)	1	1	NSYS3X3315	-	NSYS3X3315H
400 (15.6)	300 (11.8)	150 (5.9)	1	1	NSYS3X4315	-	NSYS3X4315H
	200 (7.9)	150 (5.9)	1	1	NSYS3X4320	NSYS3X4320T	NSYS3X4320H
	400 (15.6)	200 (7.9)	1	1	NSYS3X4420	-	NSYS3X4420H
	600 (23.6)	200 (7.9)	1	1	NSYS3X4620	-	NSYS3X4620H
500 (19.7)	400 (15.6)	200 (7.9)	2	1	NSYS3X5420	NSYS3X5420T	NSYS3X5420H
600 (23.6)	400 (15.6)	200 (7.9)	2	1	NSYS3X6420	NSYS3X6420T	NSYS3X6420H
	600 (23.6)	250 (9.8)	2	1	NSYS3X6625	-	NSYS3X6625H
	1000 (39.4)	300 (11.8)	1	2	NSYS3X601030	-	-
	1200 (47.2)	300 (11.8)	1	2	NSYS3X601230 NEW	-	-
700 (27.6)	500 (19.7)	250 (9.8)	2	1	NSYS3X7525 NEW	NSYS3X7525T	NSYS3X7525H
800 (31.5)	600 (23.6)	250 (9.8)	2	1	NSYS3X8625	NSYS3X8625T	NSYS3X8625H
	800 (31.5)	300 (11.8)	2	1	NSYS3X8830	-	NSYS3X8830H
	1000 (39.4)	300 (11.8)	1	2	NSYS3X801030	-	-
	1200 (47.2)	300 (11.8)	1	2	NSYS3X801230 NEW	-	-
1000 (39.4)	800 (31.5)	300 (11.8)	2	1	NSYS3X10830 NEW	NSYS3X10830T	NSYS3X10830H
	1000 (39.4)	300 (11.8)	1*	2	NSYS3X101030	-	NSYS3X101030H
1200 (47.2)	800 (31.5)	300 (11.8)	2	1	NSYS3X12830	-	NSYS3X12830H
	1000 (39.4)	300 (11.8)	1*	2	NSYS3X121030	-	NSYS3X121030H

* Three-point closure system.

** The glazed door has no reinforcement.

Stainless-steel floor-standing enclosures

➤ These enclosures have been specially designed for the chemical, oil and food and beverage industries, among others, which are particularly demanding in terms of hygiene and resistance to corrosion.



Material and finishes

Stainless-steel grade:

- AISI 304L and 316L as standard (Spacial SMX).
- AISI 316L (on request) (Spacial SFX).

Finishes:

- Scotch-Brite® brushed (standard).
- Micro-beaded (on request).
- Painted (on request).

Convenience and time saving

- Complete range of accessories for installation, cable management, etc.
- 316L stainless-steel plinth: easy cable entry (Spacial SMX).
- 304L or 316L stainless-steel plinth: easy cable entry (Spacial SFX).
- Reversible door opening to 120°.
- Padlock lock with key or form insert.
- Adjustment rails perforated with a pitch of 25 mm (1.0 in.).
- Perforated reinforcement frame allowing accessories to be mounted on the door.

Sealing

- Protection rating of IP55 (IEC 60529): complete protection against dust and water sprays.
- 3-point closures.
- Canopy (optional):
 - protects the sealing plane of the door,
 - guarantees correct water drainage,
 - no stagnation on the top.
- Single-piece cable-gland plate with polyurethane gasket.

Compatible with the other ranges

- The mounting plates and other accessories of the Spacial SM and SF standards metal offers.

Hygiene

- The high quality of the standard finish enables very easy maintenance while avoiding contamination.
- The hygienic feet made from 316L stainless-steel, adjustable between 140 mm and 200 mm height, make it easier to clean under the enclosures.

Robustness and durability

- Resistance to external mechanical impacts: IK10 according to IEC 62262.
- 3 hinges made entirely from stainless-steel.
- Door reinforcement frame.

Resistance to corrosion

- High resistance to corrosion. 304L and 316L stainless-steels provide the best solutions for applications in extremely demanding environments.



Characteristics				Spacial SMX		Spacial SFX	
				Stainless-steel sheet floor-standing enclosure, folded and welded.		- Enclosure made up of a structure, consisting of top and bottom, rear panel and vertical profiles. - Single front door, with reinforcement frame. - Sash-bolt handle made from painted zamak, 3 mm double bar.	
Material				304L stainless-steel 316L stainless-steel		304L stainless-steel 316L version (on request)	
Finish				- Scotch-Brite® brushed finish - Micro-beaded and painted finishes (on request)			
Thickness				15/10° mm		-	
Ingress protection rating				IP55 according to IEC 60529			
Mechanical protection rating				IK10 according to IEC 62262			
Standards				IEC 62208			
Certifications				- UL 508A - CAN/CSA C22.2 No. 14 - NEMA: 1 door enclosure: type 1, 2, 3, 3R, 4, 4X, 5, 12, 12K, 13 2 doors enclosure: type 1, 12, 12K, 13		- CAN/CSA C22.2 No. 14 - NEMA: 1 door enclosure: type 1, 2, 3, 3R, 4, 4X, 5, 12, 12K, 13 2 doors enclosure: type 1, 12, 12K, 13	
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			
Other characteristics				- Plain front door. Opening to left or right to 120° with reinforcement frame installed: 3 stainless-steel hinges 3-point closure with handle made from painted zamak, 5-mm double bar - acceptable load of 50 kg			
Supply				- Welded rear panel - Single-piece cable-gland plate delivered - Delivered with 4 mounting plate-supporting brackets		- Welded rear panel 4 mounting plate-supporting brackets - Single-piece cable-gland plate with sealing gasket Note: the panels and plinths can be installed and the enclosures can be assembled (on request)	
External dimensions - mm (in)			Number of front doors	Stainless-steel enclosure		Stainless-steel suitable enclosure	
Height (A)	Width (B)	Depth (C)		304L	316L	304L	
1400 (55.1)	1000 (39.4)	300 (11.8)	2	NSYSMX141030	-	-	
1600 (63.0)	800 (31.5)	400 (15.8)	1	NSYSMX16840	-	-	
1800 (70.9)	600 (23.6)	400 (15.8)	1	NSYSMX18640	-	NSYSFX18640	
	800 (31.5)	400 (15.8)	1	NSYSMX18840	NSYSMX18840H	NSYSFX18840	
	1200 (47.2)	400 (15.8)	2	NSYSMX181240	NSYSMX181240H	NSYSFX181240	
	1600 (63.0)	400 (15.8)	2	NSYSMX181640	NSYSMX181640H	-	
2000 (78.7)	600 (23.6)	500 (19.7)	1	-	-	NSYSFX20650	
	800 (31.5)	400 (15.8)	1	-	-	NSYSFX20840	
	800 (31.5)	500 (19.7)	1	NSYSMX20850	-	-	
	800 (31.5)	600 (23.6)	1	-	-	NSYSFX20860	
	1000 (39.4)	400 (15.8)	2	NSYSMX201040	NSYSMX201040H	-	
	1000 (39.4)	600 (23.6)	2	-	-	NSYSFX201060	
	1200 (47.2)	500 (19.7)	2	NSYSMX201250	NSYSMX201250H	-	
	1200 (47.2)	600 (23.6)	2	-	-	NSYSFX201260	
	1600 (63.0)	600 (23.6)	2	NSYSMX201660	NSYSMX201660H	-	

This range can be configured according to your needs

4 differents services available:



Assemble to order



Mounting of standard accessories



Painting

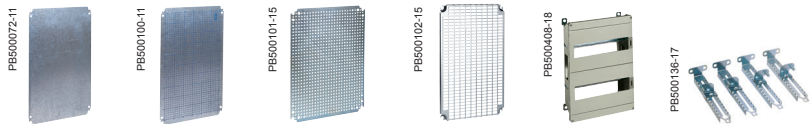


Machining

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Stainless-steel wall-mounting enclosures

Accessories

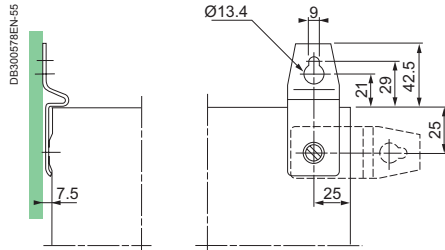


External dimensions - mm (in)			No. of modules	References					
Height	Width	Depth		Mounting plate					Step slides
				Plain	Silkscreened	Microperforated	Telequick	Modular	
300 (11.8)	200 (7.9)	150 (6.0)	-	NSYMM32	-	NSYMF32	NSYMR32	-	-
	250 (9.8)	150 (6.0)	-	NSYMM3025	-	-	NSYMR3025	-	-
	300 (11.8)	150 (6.0)	-	NSYMM33	-	NSYMF33	NSYMR33	-	-
400 (15.6)	300 (11.8)	150 (6.0)	24	NSYMM43	NSYMS43	NSYMF43	NSYMR43	NSYDLM24	-
		200 (7.9)	24	NSYMM43	NSYMS43	NSYMF43	NSYMR43	NSYDLM24	NSYSDCR200
	400 (15.6)	200 (7.9)	-	NSYMM44	NSYMS44	NSYMF44	NSYMR44	-	NSYSDCR200
	600 (23.6)	200 (7.9)	-	NSYMM64	NSYMS64	NSYMF64	NSYMR46	-	NSYSDCR200
500 (19.7)	400 (15.6)	200 (7.9)	48	NSYMM54	NSYMS54	NSYMF54	NSYMR54	NSYDLM48	NSYSDCR200
600 (23.6)	400 (15.6)	200 (7.9)	48	NSYMM64	NSYMS64	NSYMF64	NSYMR64	NSYDLM48P	NSYSDCR200
	600 (23.6)	250 (9.8)	84	NSYMM66	NSYMS66	NSYMF66	NSYMR66	NSYDLM84P	NSYSDCR250
	1000 (39.4)	300 (11.8)	-	NSYMM106	-	NSYMF106	NSYMR106	-	NSYSDCR300
	1200 (47.2)	300 (11.8)	-	NSYMM106	-	NSYMF106	NSYMR106	-	NSYSDCR300
700 (27.6)	500 (19.7)	250 (9.8)	66	NSYMM75	NSYMS75	NSYMF75	NSYMR75	NSYDLM66	NSYSDCR250
800 (31.5)	600 (23.6)	250 (9.8)	84	NSYMM86	NSYMS86	NSYMF86	NSYMR86	NSYDLM84	NSYSDCR250
	800 (31.5)	300 (11.8)	-	NSYMM88	-	NSYMF88	NSYMR88	-	NSYSDCR300
	1000 (39.4)	300 (11.8)	-	NSYMM108	-	NSYMF108	NSYMR108	-	NSYSDCR300
	1200 (47.2)	300 (11.8)	-	NSYMM108	-	NSYMF108	NSYMR108	-	NSYSDCR300
1000 (39.4)	800 (31.5)	300 (11.8)	234	NSYMM108	-	NSYMF108	NSYMR108	NSYDLM240	NSYSDCR300
	1000 (39.4)	300 (11.8)	-	NSYMM1010	-	NSYMF1010	NSYMR1010	-	NSYSDCR300
1200 (47.2)	800 (31.5)	300 (11.8)	-	NSYMM128	-	NSYMF128	NSYMR128	-	NSYSDCR300
	1000 (39.4)	300 (11.8)	-	NSYMM1210	-	NSYMF1210	NSYMR1210	-	NSYSDCR300

* Three-point closure system.

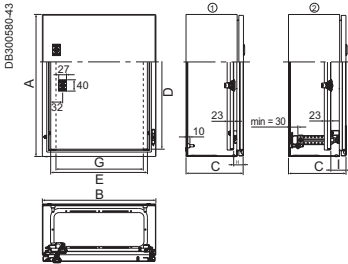


Wall-mounting brackets	
Material	304 or 316L stainless-steel
Installation	- Wall-mounting brackets can go in horizontal or vertical position - Mounting from the outside
Maximum load	150 kg
Supply	Set of four wall-mounting brackets
References	304L NSYPFCX
	316L NSYPFC2X

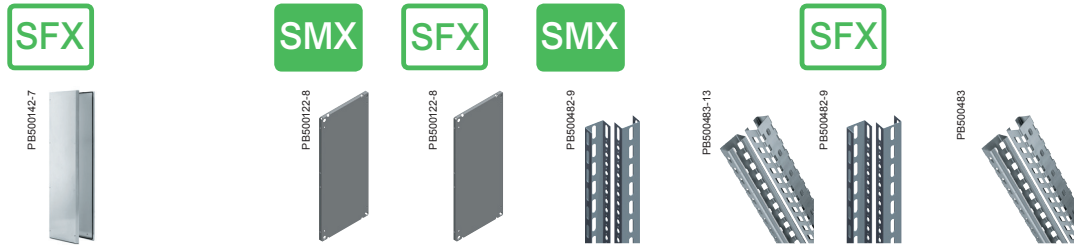


Inner door							
3-mm double-bar lock. - Not compatible with door retainer and door switch. Consult us. - As standard it can be mounted an inner door and a mounting plate, on the step slides, at the same time - Can be mounted either on the front side of the enclosure or on step slides (not supplied with standard)							
Maximum load	30 kg/m ²						
Supply	1 inner door						
For wall-mounting enclosures - mm (in)		Dimensions - mm (in)					References
Height (A)	Width (B)	D	E	G	H	I (min.)	
400 (15.6)	300 (11.8)	349 (13.7)	241 (9.5)	208 (8.2)	32 (1.3)	51 (2.0)	NSYPIN43
500 (19.7)	400 (15.6)	449 (17.9)	341 (13.4)	308 (12.1)	32 (1.3)	51 (2.0)	NSYPIN54
600 (23.6)	400 (15.6)	549 (21.6)	341 (13.4)	308 (12.1)	32 (1.3)	51 (2.0)	NSYPIN64
700 (27.6)	500 (19.7)	649 (25.6)	441 (17.4)	408 (16.1)	32 (1.3)	51 (2.0)	NSYPIN75
800 (31.5)	600 (23.6)	749 (29.5)	541 (21.3)	508 (20.0)	32 (1.3)	51 (2.0)	NSYPIN86*
1000 (39.4)	800 (31.5)	949 (37.4)	741 (29.2)	708 (27.9)	32 (1.3)	51 (2.0)	NSYPIN108*
1200 (47.2)	800 (31.5)	1149 (45.2)	741 (29.2)	708 (27.9)	32 (1.3)	52 (2.1)	NSYPIN128*

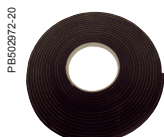
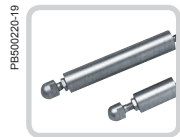
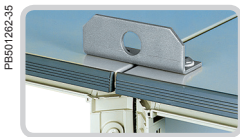
* Equipped with welded vertical profiles in order to facilitate cable management.



- ① NSYPIN inner door fixed directly to the enclosure.
- ② NSYPIN inner door fixed to the adjustable NSYSDCR support. In this case, both the inner door and the mounting plate may be depth adjustable.



Characteristics	Side panels	Plain mounting plate		Uprights vertical	
	- Side panels including a polyurethane sealing gasket. - Their special design guarantees the protection of the door gasket.	-	-	-	-
Material	304L stainless-steel sheet	-	-	-	-
External dimensions - mm (in)				Standard	Technical
Height (A)	Width (B)	Depth (C)			
1400 (55.1)	1000 (39.4)	300 (11.8)	-	NSYMP1410	-
1600 (63.0)	800 (31.5)	400 (15.6)	-	NSYMP168	-
1800 (71.0)	600 (23.6)	400 (15.6)	NSY2SPX184	NSYMP186	NSYMP186
	800 (31.5)	400 (15.6)	NSY2SPX184	NSYMP188	NSYMP188
	1200 (47.2)	400 (15.6)	NSY2SPX184	NSYMP1812	NSYMP1812
	1600 (63.0)	400 (15.6)	-	NSYMP1816	-
2000 (78.7)	600 (23.6)	500 (20.0)	NSY2SPX205	-	NSYMP206
	800 (31.5)	400 (15.6)	NSY2SPX204	-	NSYMP208
	800 (31.5)	500 (20.0)	NSY2SPX205	NSYMP208	-
	800 (31.5)	600 (23.6)	NSY2SPX206	-	NSYMP208
	1000 (39.4)	400 (15.6)	-	NSYMP2010	-
	1000 (39.4)	600 (23.6)	NSY2SPX206	-	NSYMP2010
	1200 (47.2)	500 (20.0)	-	NSYMP2012	-
	1200 (47.2)	600 (23.6)	NSY2SPX206	-	NSYMP2012
	1600 (63.0)	600 (23.6)	-	NSYMP2016	-
				NSYMP2016	-



Characteristics	Eyebolts	Lifting bracket	Wall-mounting brackets	Hygienic feet	Coupling kit
	-	For SFX.	For SMX.	Recommended for applications that require special hygiene conditions.	For SFX. Used for joining enclosures side by side.
Material	Treated moulded steel	Treated steel	304L stainless-steel	316L stainless-steel	- Flat connectors and brackets: zinc-coated steel - Sealing gasket: EPDM
Ingress protection rating	-	-	-	-	IP55
Installation	With mounting nuts supplied with the enclosure	They are mounted instead of the eyebolts on two suitable enclosures side-by-side, guaranteeing the rigidity of the enclosure when lifted	- Wall-mounting brackets can go in horizontal or vertical position - Mounting from the outside	Adjustable between 140 mm and 200 mm height	Mounting from the inside of the enclosures
Maximum load	830 kg when slinging at 60°	2000 kg when slinging at 60°	- Horizontal: 180 kg - Vertical: 350 kg	Per foot: 100 kg	-
Supply	Set of four M12 eyebolts	Set of four lifting brackets	Set of four wall-mounting brackets	Set of 4 adjustable feet	-
References	NSYSMEB	NSYPUNX	NSYFCMX	NSYPHX200	NSYSFBK19+NSYSFXJG



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