

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.

This range can be configured according to your needs

4 different services available:



Assemble
to order



Mounting
of standard
accessories



Painting

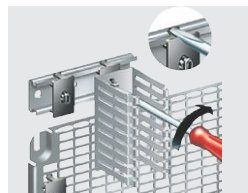


Machining



Material and finishes

- AISI 304L as standard in Spacial SMX and SFX.
- AISI 316L as standard in Spacial SMX and on request in 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.
- 304L or 316L stainless steel plinth: easy cable entry (Spacial SFX and SMX).
- Reversible door opening to 120°.
- Padlock lock with key or form insert.
- Adjustment rails perforated with a pitch of 25 mm.
- Perforated reinforcement frame allowing accessories to be mounted on the door.



Sealing

- Protection rating against dust and water IP66 or IP55 depending model according to IEC 60529.
- 3-point closures.
- Canopy (optional):
 - helps protect the sealing plane of the door,
 - helps guarantee 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.

See page 522 for details or consult our web site www.se.com



SMX



SFX

Characteristics	Spacial SMX	Spacial SFX
	- Stainless steel sheet floor-standing enclosure, folded and welded. - Single and double front door, with reinforcement frame.	- Enclosure made up of a structure, consisting of top and bottom, rear panel and vertical profiles. - Single and double front door, with reinforcement frame.
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	Consult us
Ingress protection rating	IP66 according to IEC 62208 (single door enclosure)	
Mechanical protection rating	IK10 according to IEC 62262	
Standards and certifications	See technical guides page 614	
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). Comment: For SMX and SFX is not mandatory the installation of a canopy for outdoor use	
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 compact body - Single-piece cable gland plate with sealing gasket - Welded mounting plate support brackets	- Welded rear panel 4 mounting plate-supporting brackets - Single-piece cable gland plate with sealing gasket

Comment:
Dimensions,
see [page 144](#)

External dimensions				304L	316L	304L
Height (mm)	Width (mm)	Depth (mm)	Number of front doors	Stainless steel enclosure	Stainless steel enclosure	Stainless steel suitable enclosure
1400	1000	300	2	NSYSMX141030	—	—
1600	800	400	1	NSYSMX16840	—	—
1800	600	400	1	NSYSMX18640	—	NSYSFX18640
1800	800	400	1	NSYSMX18840	NSYSMX18840H	NSYSFX18840
1800	1200	400	2	NSYSMX181240	NSYSMX181240H	NSYSFX181240
1800	1600	400	2	NSYSMX181640	NSYSMX181640H	—
2000	600	500	1	—	—	NSYSFX20650
2000	800	400	1	—	—	NSYSFX20840
2000	800	500	1	NSYSMX20850	—	—
2000	800	600	1	—	—	NSYSFX20860
2000	1000	400	2	NSYSMX201040	NSYSMX201040H	—
2000	1000	600	2	—	—	NSYSFX201060
2000	1200	500	2	NSYSMX201250	NSYSMX201250H	—
2000	1200	600	2	—	—	NSYSFX201260
2000	1600	600	2	NSYSMX201660	NSYSMX201660H	—

Plinth

- Material: Stainless steel, AISI 304L or AISI 316L
- Finish: Scotch-Brite® brushing, to help guarantee the durability in application where the contact with the floor increase the risk of corrosion
- Installation: It is necessary to order separately the plinth fixing kit (ref. **NSYAPFXWM**) composed by fixing elements and drilling jig

Comment:

Ventilated plinths made up of stainless steel from heavy duty outdoor enclosures (page 413) are compatible to Spacial SMX stainless steel compact enclosures.

Front and rear plinths

Supply:

4 corners, 2 panels (front and rear),
4 corner covers and fixing elements



Characteristics	AISI	Height (mm)	Width (mm)	References
Front and rear plinths	304L	100	600	NSYSPFX6100
Front and rear plinths	304L	100	800	NSYSPFX8100
Front and rear plinths	304L	100	1000	NSYSPFX10100
Front and rear plinths	304L	100	1200	NSYSPFX12100
Front and rear plinths	304L	100	1600	NSYSPFX16100
Front and rear plinths	316L	100	600	NSYSPFX6100H
Front and rear plinths	316L	100	800	NSYSPFX8100H
Front and rear plinths	316L	100	1000	NSYSPFX10100H
Front and rear plinths	316L	100	1200	NSYSPFX12100H
Front and rear plinths	316L	100	1600	NSYSPFX16100H

Side plinths

Supply:

2 side panels,
4 corner covers and fixing elements



Characteristics	AISI	Height (mm)	Depth (mm)	References
Side plinths	304L	100	300	NSYSPSX3100
Side plinths	304L	100	400	NSYSPSX4100
Side plinths	304L	100	500	NSYSPSX5100
Side plinths	304L	100	600	NSYSPSX6100
Side plinths	316L	100	300	NSYSPSX3100H
Side plinths	316L	100	400	NSYSPSX4100H
Side plinths	316L	100	500	NSYSPSX5100H
Side plinths	316L	100	600	NSYSPSX6100H

Front and rear plinths

Supply:

4 corners, 2 panels (front and rear),
4 corner covers and fixing elements



Characteristics	AISI	Height (mm)	Width (mm)	References
Front and rear plinths	304L	200	600	NSYSPFX6200
Front and rear plinths	304L	200	800	NSYSPFX8200
Front and rear plinths	304L	200	1000	NSYSPFX10200
Front and rear plinths	304L	200	1200	NSYSPFX12200
Front and rear plinths	304L	200	1600	NSYSPFX16200
Front and rear plinths	316L	200	600	NSYSPFX6200H
Front and rear plinths	316L	200	800	NSYSPFX8200H
Front and rear plinths	316L	200	1000	NSYSPFX10200H
Front and rear plinths	316L	200	1200	NSYSPFX12200H
Front and rear plinths	316L	200	1600	NSYSPFX16200H

Side plinths

Supply:

2 side panels,
4 corner covers and fixing elements



Characteristics	AISI	Height (mm)	Depth (mm)	References
Side plinths	304L	200	300	NSYSPSX3200
Side plinths	304L	200	400	NSYSPSX4200
Side plinths	304L	200	500	NSYSPSX5200
Side plinths	304L	200	600	NSYSPSX6200
Side plinths	316L	200	300	NSYSPSX3200H
Side plinths	316L	200	400	NSYSPSX4200H
Side plinths	316L	200	500	NSYSPSX5200H
Side plinths	316L	200	600	NSYSPSX6200H

SMX Canopy



NSYSCMX10030

- Helps guarantee very high protection of the enclosure when used outdoors.
- Material: 304L stainless steel sheet
Other types of stainless steel, contact us
- Finish: Scotch-Brite® brushed
- Other finishes, contact us
- Thickness 15/10°
- Installation: It is fixed in the same holes as the eyebolt.

Supply:

Delivered with fixings. Other dimensions and canopy for sets, contact us

Characteristics	Width (mm)	Depth (mm)	References
Top-mounting	600	400	NSYSCMX6040 New
Top-mounting	800	400	NSYSCMX8040 New
Top-mounting	800	500	NSYSCMX8050 New
Top-mounting	1000	300	NSYSCMX10030 New
Top-mounting	1000	400	NSYSCMX10040 New
Top-mounting	1200	400	NSYSCMX12040 New
Top-mounting	1200	500	NSYSCMX12050 New
Top-mounting	1600	400	NSYSCMX16040 New
Top-mounting	1600	600	NSYSCMX16060 New

SFX Canopy



NSYSCX6040

Supply:

Delivered with fixings. Other dimensions and canopy for sets, contact us

Characteristics	Width (mm)	Depth (mm)	References
Top-mounting	600	400	NSYSCX6040
Top-mounting	600	500	NSYSCX6050
Top-mounting	800	400	NSYSCX8040
Top-mounting	800	600	NSYSCX8060
Top-mounting	1000	600	NSYSCX10060
Top-mounting	1200	400	NSYSCX12040
Top-mounting	1200	600	NSYSCX12060
Top-mounting (used when coupling 2 SFX together)	1200	500	NSYSCX12050
Top-mounting (used when coupling 2 SFX together)	1600	400	NSYSCX16040
Top-mounting (used when coupling 2 SFX together)	1600	600	NSYSCX16060

Locking options



NSYTDB5ME



NSYTDB5ME



NSYBCME

- The enclosures Spacial SMX and SFX are delivered as standard with retractable handle made from
- painted zamak with 5 mm double bar insert, spare ref. **NSYMCSX**
- Transformation of the standard insert by other shape inserts or barrels according the following table:

Door switch for Spacial SF and SFX: [page 290](#)

Reference: **NSYDCM20**

Door switch for Spacial SM: [page 290](#)

Reference: **NSYMDCM20**

Characteristics	Type	Supply	References
Shape insert	5 mm doublebar insert.	Insert with key	NSYTDB5ME
Shape insert	Square insert, 6 mm	Insert with key	NSYTC6ME
Shape insert	Square insert, 8 mm	Insert with key	NSYTC8ME
Shape insert	Triangular insert, 6.5 mm	1 pack	NSYTT6ME
Shape insert	Triangular insert, 8 mm	1 pack	NSYTT8ME
Padlocking system	Padlocking device	1 pack	NSYBCME
Barrels	Reinforced key and barrel	1 pack	NSYTLRME
Barrels	JIS key and barrel	1 pack	NSYTLJISME
Barrels	Manual	1 pack	NSYTMME
Barrels	Barrel and key 405E	Barrels with 1 key	NSYTCL405ME
Barrels	Barrel and key 610E	Barrels with 1 key	NSYTCL610ME
Barrels	Barrel and key 1242E	Barrels with 1 key	NSYTCL1242EME

SFX Side panels



NSY2SPX184

- Side panels including a polyurethane sealing gasket.
- Their special design helps guarantee the protection of the door gasket
- 304L stainless steel sheet

Characteristics	Height (mm)	Depth (mm)	References
Set of 2 side panels	1800	400	NSY2SPX184
Set of 2 side panels	2000	400	NSY2SPX204
Set of 2 side panels	2000	500	NSY2SPX205
Set of 2 side panels	2000	600	NSY2SPX206

SMX Plain mounting plate



NSYMP1410

Characteristics	Height (mm)	Width (mm)	References
Plain mounting plate	1400	1000	NSYMP1410
Plain mounting plate	1600	800	NSYMP168
Plain mounting plate	1800	600	NSYMP186
Plain mounting plate	1800	800	NSYMP188
Plain mounting plate	1800	1200	NSYMP1812
Plain mounting plate	1800	1600	NSYMP1816
Plain mounting plate	2000	800	NSYMP208
Plain mounting plate	2000	1000	NSYMP2010
Plain mounting plate	2000	1200	NSYMP2012
Plain mounting plate	2000	1600	NSYMP2016

SFX Plain mounting plate



NSYMP186

Characteristics	Height (mm)	Width (mm)	References
Plain mounting plate	1800	600	NSYMP186
Plain mounting plate	1800	800	NSYMP188
Plain mounting plate	1800	1200	NSYMP1812
Plain mounting plate	2000	600	NSYMP206
Plain mounting plate	2000	800	NSYMP208
Plain mounting plate	2000	1000	NSYMP2010
Plain mounting plate	2000	1200	NSYMP2012

SMX SFX Uprights vertical



NSYVR18



NSYTVR14

Characteristics	Height (mm)	References
Uprights vertical, Standard	1800	NSYVR18
Uprights vertical, Standard	2000	NSYVR20
Uprights vertical, Technical	1400	NSYTVR14
Uprights vertical, Technical	1600	NSYTVR16
Uprights vertical, Technical	1800	NSYTVR18
Uprights vertical, Technical	2000	NSYTVR20

Eyebolts



NSYSMXEB

- Material: Stainless steel 304L
- Installation: It is fixed using fixing nuts supplied
- Maximum load: 340 kg for 1 eyebolt in vertical direction.

Supply:
Set of four M12 eyebolts

Characteristics	References
Eyebolt	NSYSMXEB New

SFX Lifting bracket



NSYPUNX

- Material: Treated steel
- Installation: They are fixed instead of the eyebolts on two suitable enclosures side-by-side, helping guarantee the rigidity of the enclosure when lifted
- Maximum load: 1300 kg when slinging at 60°

Supply:
Set of four lifting brackets

Characteristics	References
Lifting bracket for SFX	NSYPUNX

SMX Wall fixing lugs



NSYFCMX

- Material: Stainless steel 304L
- Installation: Mounting of the wall fixing lugs in horizontal or vertical position; Fixing from the outside
- Maximum load: Horizontal: 180 kg, Vertical: 350 kg

Supply:
Set of four wall fixing lugs

Characteristics	References
Wall fixing lugs for SMX	NSYFCMX

Hygienic feet



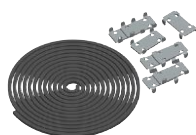
NSYPHX200

- Recommended for applications that require special hygiene conditions.
- Material: 316L stainless steel
- Installation: Adjustable between 140 mm and 200 mm height
- Maximum load: Per foot: 100 kg

Supply:
Set of 4 adjustable feet

Characteristics	References
Hygienic feet	NSYPHX200

SFX Coupling kit



NSYSFBK19

- Used for joining enclosures side by side.
- Material: Flat connectors and brackets: Zinc-coated steel (**NSYSFBK19**); Sealing gasket: EPDM (**NSYSFXJG**)
- Ingress protection rating: IP55
- Installation: Fixing from the inside of the enclosures

Characteristics	References
Coupling kit for SFX	NSYSFBK19
Coupling kit for SFX	NSYSFXJG