

Spacial S3HF

- Single-piece metal enclosures made from special sheets of ALUZINC 150.
- The presence of 55 % aluminium on the surface of the sheet metal ensures good reflection of electromagnetic waves.

Body

- single-piece body, folded and welded,
- entirely sealed body with no cable entry and no opening,
- equipped with four shouldered backstuds allowing direct fixing of the mounting plate,
- its low resistivity promotes earth continuity,
- direct fixing or using wall fixing lugs, ref. **NSYPFCR** (to be ordered separately).

Door

- the special body-door gasket (IP + EMC) provides, in addition to water and dust tightness, electric continuity between the door and the body of the enclosure,
- the metal lock with earth continuity helps improve the general shielding,
- an earthing braid added to the enclosure between the body and the door guarantees a good earth connection and, consequently, good electromagnetic compatibility,
- 3 mm double bar lock as standard delivery (if a 405 key is needed it is possible to mount ref. **NSYCLL405CRN**).
- Other sizes: Consult us.
- Finish: Structured finish, epoxy polyester powder (inside not painted)
- Colour: RAL 7035 grey
- Ingress protection rating: IP55 according to IEC 60529
- Mechanical protection rating: IK10 according to IEC 62262
- Certifications and declarations: UL, CE declaration
- Fixing: Fixing lugs, ref. **NSYPFCR** to be ordered separately (1 set of 4 lugs)

For more details see [page 479](#)

Supply:

Enclosure delivered with galvanised mounting plate.



NSYS3HF4320P

Characteristics	Fig.	Weight (kg)	Width (mm)	Height (mm)	Depth (mm)	References
Spacial S3HF	1	7.5	300	400	200	NSYS3HF4320P
Spacial S3HF	2	13.0	400	600	200	NSYS3HF6420P
Spacial S3HF	2	20.5	600	600	250	NSYS3HF6625P
Spacial S3HF	2	32.8	600	800	300	NSYS3HF8630P
Spacial S3HF	2	53.2	800	1000	300	NSYS3HF10830P

Support bracket for enclosure with anti-tilt kit and reinforcement

- The support bracket is used when the enclosure cannot be hung from a wall or a post.
- Suitable for outdoor use.
- Maximum enclosure dimensions: 1000 x 800 x 300 mm.
- Floor attachment by standard M12 fastenings.
- Material: Steel
- Finish: Painted
- Colour: RAL 7035 grey
- Maximum load: 120 kg



NSYCOONS1400

Characteristics	Height (mm)	References
Support bracket for enclosure with anti-tilt kit and reinforcement	1400	NSYCOONS1400
Support bracket for enclosure with anti-tilt kit and reinforcement	1800	NSYCOONS1800

Spacial SFHF

Structure

- galvanised steel structure,
- top and bottom frame, vertical upright.

Claddings

- enclosure with screwed panels (on side and rear) and front plain door (with reinforcement frame) made from Aluzinc steel,
- side panels have to be ordered separately,
- special gasket (IP + EMC) between body, door and panels.
- Finish: Epoxy polyester paint on the outside (inside not painted)
- Colour: RAL 7035 grey
- Ingress protection rating: IP55
- Mechanical protection rating: IK10
- Certifications: RoHS compliant
- Dimensions manufacturing on demand

Note:

Only available on demand.
For more details see [page 479](#)

Supply:

- 1 single plain door with door-reinforcement frame (double door on request, please consult us).
- Left or right opening to 120°.
- Delivered with standard locking system handle and 5 mm double bar insert.
- 1 rear panel screwed from the outside.
- 1 removable roof.
- 1 part cable gland plate with special gasket (IP + EMC).



NSYSFHF1860

Characteristics	Height (mm)	Width (mm)	Depth (mm)	References
Spacial SFHF	1800	600	600	
Spacial SFHF	1800	800	400	
Spacial SFHF	1800	800	600	
Spacial SFHF	2000	600	400	
Spacial SFHF	2000	600	600	
Spacial SFHF	2000	600	800	
Spacial SFHF	2000	600	1000	
Spacial SFHF	2000	800	400	
Spacial SFHF	2000	800	600	
Spacial SFHF	2000	800	800	
Spacial SFHF	2000	800	1000	
Spacial SFHF	2200	600	600	
Spacial SFHF	2200	800	600	
Spacial SFHF	2200	800	800	

Side panel

- Finish: Epoxy polyester paint on the outside (inside not painted)
- Colour: RAL 7035 grey
- Dimensions manufacturing on demand

Note:

Only available on demand.

Characteristics	Height (mm)	Width (mm)	References
Side panel	1800	600	
Side panel	1800	400	
Side panel	2000	400	
Side panel	2000	600	
Side panel	2000	800	
Side panel	2000	1000	
Side panel	2200	600	
Side panel	2200	800	

All mounting accessories are compatible with the SF and SM standard range.

- Mounting plate (see [page 245](#)).
- Rails (see [page 253](#)).
- 19" frame (fixed and swinging) (see [page 462](#)).



Earth braids

- They guarantee the earth connection for high frequencies, avoiding the disturbing electric currents that are produced.
- Material: Tinned copper.

Supply:

10 earth braids (nuts and washers not included)

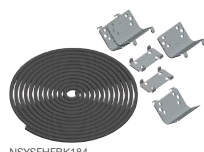


NSYEB156D6

Characteristics	Section (mm²)	Terminal Ø (mm)	Length (mm)	Width (mm)	References
Earth braids	6	6.5	150	12	NSYEB156D6
Earth braids	10	6.5	150	17	NSYEB1510D6
Earth braids	16	8.5	155	17	NSYEB1516D8
Earth braids	25	8.5	200	27	NSYEB2025D8
Earth braids	50	8.5	200	33	NSYEB2050D8

EMC coupling kit

- Used to join enclosures side-by-side or depthwise. Special gasket for EMC solution.
- Attenuation level is decreased by 5 db when enclosures are joined (please consult us).
- Ingress protection rating: IP55.



NSYSFHF184

Characteristics	Height (mm)	Depth (mm)	References
EMC coupling kit	1800	400	NSYSFHF184
EMC coupling kit	1800	600	NSYSFHF186
EMC coupling kit	2000	400	NSYSFHF204
EMC coupling kit	2000	600	NSYSFHF206
EMC coupling kit	2000	800	NSYSFHF208
EMC coupling kit	2000	1000	NSYSFHF2010
EMC coupling kit	2200	600	NSYSFHF226
EMC coupling kit	2200	800	NSYSFHF228

EMC cable gland with contact spring

- Thread type: Metric EN 60423, other types are available on demand
- Material: Nickel-plated brass, neoprene gasket
- Ingress protection rating: IP66
- Flame resistance: V2 depending on UL94
- Temperature range: -20°C to + 100°C
- Cable type: Unshielded

Supply:

The cable glands are supplied with nuts.
Pack of 10 (M12 and M16), of 5 (M20 and M25),
of 4 (M32 and M40)



NSYCGHF12

Characteristics	Ø	Ø min/max	Drill Ø	TD	TL	Wrench width	References
New EMC cable gland with contact spring	M12	3/6.5	12 to 12.2	12	6	14	NSYCGHF12 New
New EMC cable gland with contact spring	M16	5/10	16 to 16.2	16	7	20	NSYCGHF16 New
New EMC cable gland with contact spring	M20	6/12	20 to 20.2	20	8	22	NSYCGHF20 New
New EMC cable gland with contact spring	M25	11/17	25 to 25.2	25	8	27	NSYCGHF25 New
New EMC cable gland with contact spring	M32	15/21	32 to 32.3	32	8	34	NSYCGHF32 New
New EMC cable gland with contact spring	M40	19/28	40 to 40.3	40	9	43	NSYCGHF40 New

Electromagnetic protected steel enclosures

Spacial S3HF - SFHF
Dimensions

Spacial S3HF

Fig. 1

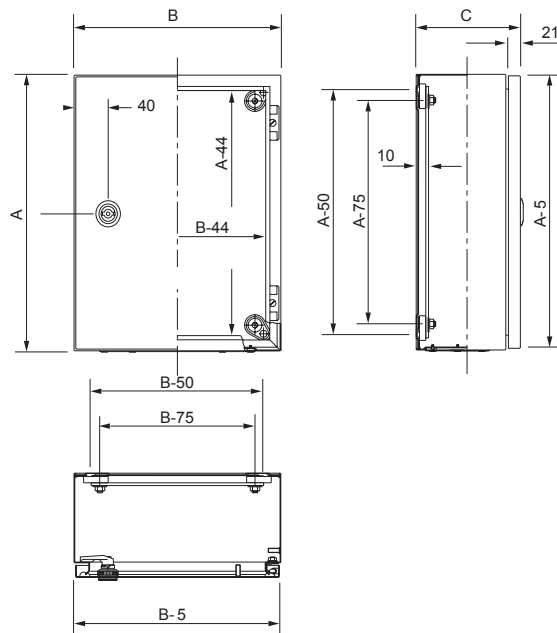
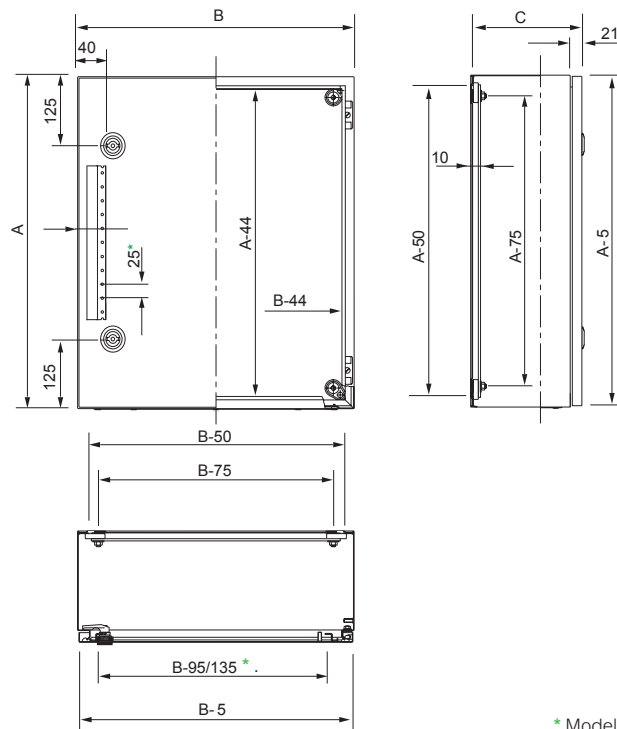


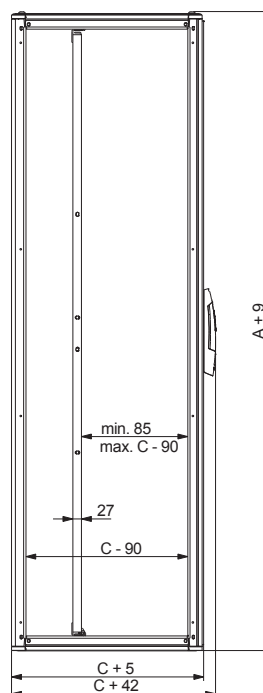
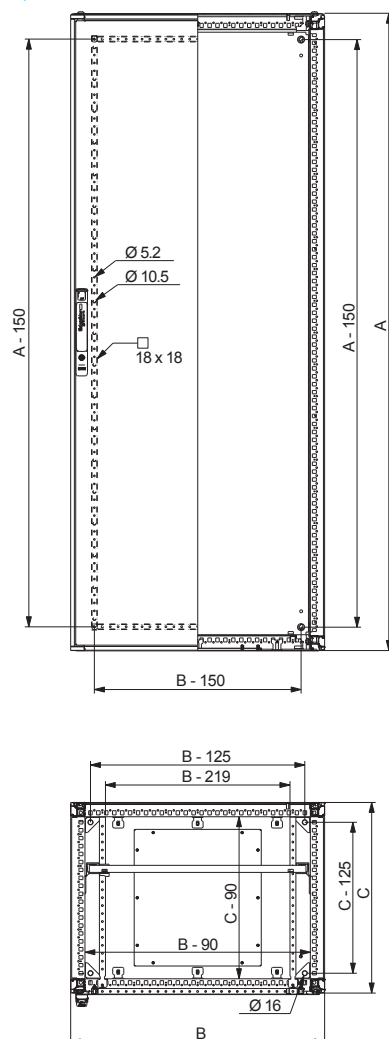
Fig. 2



A: Height.
B: Width.
C: Depth.

* Model 1200 x 800.

Spacial SFHF



A: Height.
B: Width.
C: Depth.