

Spacial S3DEX

Protection for users

- Earthing: The Spacial S3DEX steel enclosures are provided with M6 x 16 earth studs welded to the casing and door for equipotential connection. Earth strap to be ordered separately.
- Closing: Enclosures higher than 600 (23.62) mm (in.) are provided with three locking points with connecting rods, with a single control point preventing the enclosures from being left half-open.

Casing

- Monobloc casing (cross-structure). Gutter-shaped front profile.
- 4 bottom shoulder studs M8 x 25 (0.98) mm (in.) for mounting the chassis and notched bars to provide a space of 10 (0.39) mm (in.) at the rear.

Door

- Standard fastening by 3 (0.12) mm (in.) double-bar lock
- Polyurethane door seal
- Double-thickness 20 (0.79) mm (in.) return conferring excellent rigidity;
- 2 concealed hinges (3 above H = 800 (31.50) mm (in.)) to facilitate dismounting and reversibility of the door. Opening angle: 120°
- Maximum load: 50 (110.23) kg (lbs.)/m².
- Perforated sections on the door, with holes of diameter 4.2 (0.16) mm (in.) every 25 (0.98) mm (in.) for mounting accessories:
- 2 vertical sections from H = 400 (15.75) mm (in.);
- 2 vertical sections and 2 horizontal sections from L = 800 (31.50) mm (in.).

Specific ATEX features

- 4 fastening holes closed by 4 crimped blind nuts.
- One crimped M8 blind nut for an external frame earth link (strap not provided)
- Ambient temperature: -20°C (-4°F) ≤ Ta ≤ +40°C (104°F)
- Marking: See [page 517](#).
- Material: Steel
- Finish: Structured finish, epoxi-polyester powder painting
- Color: RAL 7035 grey
- Ingress protection rating: IP66 (enclosures with single-door) according to IEC 60529
- Mechanical protection rating: IK10 (enclosures with plain door) according to IEC 62262
- Fixing: Wall fixing lugs:

Passivated zinc-coated steel: Reference **NSYAEFPFSC**

304L stainless-steel: Reference **NSYAEFPFXSC**



NSYS3DEX3215

Characteristics	Height mm (in.)	Width mm (in.)	Depth mm (in.)	References
Spacial S3DEX	300 (11.81)	200 (7.87)	150 (5.91)	NSYS3DEX3215
Spacial S3DEX	300 (11.81)	300 (11.81)	200 (7.87)	NSYS3DEX3320
Spacial S3DEX	400 (15.75)	300 (11.81)	200 (7.87)	NSYS3DEX4320
Spacial S3DEX	400 (15.75)	400 (15.75)	200 (7.87)	NSYS3DEX4420
Spacial S3DEX	500 (19.68)	400 (15.75)	200 (7.87)	NSYS3DEX5420
Spacial S3DEX	600 (23.62)	400 (15.75)	250 (9.84)	NSYS3DEX6425
Spacial S3DEX	600 (23.62)	600 (23.62)	250 (9.84)	NSYS3DEX6625
Spacial S3DEX	700 (27.56)	500 (19.68)	250 (9.84)	NSYS3DEX7525
Spacial S3DEX	800 (31.50)	600 (23.62)	300 (11.81)	NSYS3DEX8630
Spacial S3DEX	1000 (39.37)	800 (31.50)	300 (11.81)	NSYS3DEX10830



The accessories of the Spacial standard wall-mounted enclosures can be installed in the Spacial S3DEX wall-mounted enclosures. However, plastic accessories should not be used due to the risk of a static charge.