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### Technical characteristics

The Spacial S3DEX range of steel enclosures is certified by LCIE with no. LCIE 02ATEX0037U and codicil no. LCIE 02ATEX0037U/01 (component certificate).

The enclosures have the following marks:

Ⓔ II 2 GD Ex tD A21 IP6X according to ATEX directive 94/9/EC and standards EN 60079-0 (2004), EN 60079-7 (2006), EN 61241-0 (2005) and EN 61241-1 (2004).

### Technical description

- Tightness by protection rating: IP 66 (enclosures with single door).
- Resistance to external impacts: IK 10.
- Structured finish, epoxy-polyester powder paint, RAL 7035 grey colour.

Compared with the universal Spacial wall-mounting enclosure, the Spacial S3DEX enclosure has:

- The four fixing holes blocked by four crimped blind nuts.
- One crimped M8 blind nut for an external earth connection (braid not supplied).

### Enclosure body

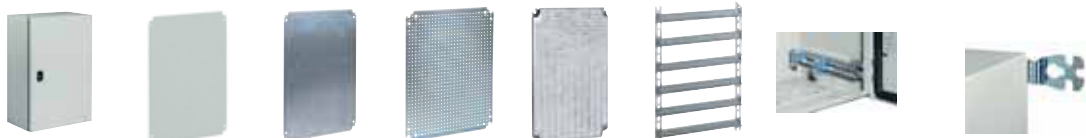
- 4 M8 × 25 shouldered backstuds for mounting the mounting plate and the step slides leaving a space of 10 mm behind them.
- Cable-gland plate with grid pattern to facilitate drilling and provide the maximum access surface.
- Welded earthing stud for equipotential connection between the door and the body.

### Door

- Standard enclosure supplied with a double-bar lock.
- Polyurethane sealing gasket.
- Equipotential connection between the door and the body by means of the M6 × 16 earthing screws.
- Removable and reversible door, opening to 120°.
- Simple reversal of linkage.
- Maximum load: 50 kg/m<sup>2</sup>.
- Perforated rails on the door: 2 vertical rails from H = 400 mm, 2 vertical rails and 2 horizontal rails from W = 800 mm.

Ambient temperature limits:  
-25 °C ≤ Ta ≤ +40 °C.

Delivered in an impact-resistant, eco-friendly packaging.



Enclosure dimensions (mm)			Enclosure reference	Mounting plates				Mixed symmetrical chassis	Bars slides	Fixing legs	
Height	Width	Depth		Plain	Silkscreened	Microperforated	Telequick			Steel	Stainless steel
300	200	150	NSYS3DEX3215	NSYMM32	-	-	NSYMR32	-	-	NSYAEFPFSC	NSYAEFPFXSC
300	300	200	NSYS3DEX3320	NSYMM33	-	NSYMF33	NSYMR33	NSYMD33	NSYSDCR200	NSYAEFPFSC	NSYAEFPFXSC
400	300	200	NSYS3DEX4320	NSYMM43	NSYMS43	NSYMF43	NSYMR43	NSYMD43	NSYSDCR200	NSYAEFPFSC	NSYAEFPFXSC
400	400	200	NSYS3DEX4420	NSYMM44	NSYMS44	NSYMF44	-	-	NSYSDCR200	NSYAEFPFSC	NSYAEFPFXSC
500	400	200	NSYS3DEX5420	NSYMM54	NSYMS54	NSYMF54	NSYMR54	NSYMD54	NSYSDCR200	NSYAEFPFSC	NSYAEFPFXSC
600	400	250	NSYS3DEX6425	NSYMM64	NSYMS64	NSYMF64	NSYMR64	NSYMD64	NSYSDCR250	NSYAEFPFSC	NSYAEFPFXSC
600	600	250	NSYS3DEX6625	NSYMM66	NSYMS66	NSYMF66	NSYMR66	NSYMD66	NSYSDCR250	NSYAEFPFSC	NSYAEFPFXSC
700	500	250	NSYS3DEX7525	NSYMM75	NSYMS75	NSYMF75	NSYMR75	NSYMD75	NSYSDCR250	NSYAEFPFSC	NSYAEFPFXSC
800	600	300	NSYS3DEX8630	NSYMM86	NSYMS86	NSYMF86	NSYMR86	NSYMD86	NSYSDCR300	NSYAEFPFSC	NSYAEFPFXSC
1000	800	300	NSYS3DEX10830	NSYMM108	-	NSYMF108	NSYMR108	NSYMD108	NSYSDCR300	NSYAEFPFSC	NSYAEFPFXSC



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

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