

# Steel wall-mounting enclosures



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➤ The **steel enclosure** with the greatest range of available dimensions on the market!



PE500199-48

PE500310-37



### Useful life

Quality of the welding and the coating.

PE500199



### Component security

- Water and dust tightness and impact resistance.
- EMC and ATEX offer.

PE500097-13



### Increased choice

- Large range of universal dimensions.
- Application offer with special dimensions.

PE500199



### Easy maintenance

- Removable hinges.
- 1 lock command from the height of 600 mm.

PE500304-32



### Personnel safety

- Earthing studs welded to the body and door.
- 3-point lock from the height of 600 mm.

PE500309-32



### Added value to your work

Quality and aesthetics.

PE500305-29



### Easy equipping

- Four 10-mm shouldered welded studs.
- Broad range of mounting plates.
- Broad range of cable-gland plates.
- Wire guides welded to the door from the height of 400 mm.

DB300073-12



### Easy handling

- Reusable, eco-friendly packaging.
- No sharp corners.

This range can be configured according to your needs

4 different services available:



Assemble to order



Mounting of standard accessories



Painting



Machining

See page 516 for details or consult our web site [www.schneider-electric.com](http://www.schneider-electric.com)



| Characteristics              | Spacial S3D   |
|------------------------------|---|
|                              | <p>Three steel enclosure definitions are available:</p> <ul style="list-style-type: none"> <li>■ Enclosure with plain door.</li> <li>■ Enclosure with plain door delivered with a galvanised plain mounting plate, not installed.</li> <li>■ Enclosure with glazed door, 4-mm-thick Securit® glass.</li> </ul> <p><b>Personnel protection</b></p> <ul style="list-style-type: none"> <li>■ Earth connection: Spacial S3D steel enclosures are equipped with M6 x 16 earth studs welded in the body and the door for equipotential connection. Earth braid to be ordered separately (see page 295).</li> <li>■ Closing the enclosure: the enclosures are equipped from the height of 600 mm with three locking points with linkage, with a single control point, preventing the enclosures from being left ajar. Locks and inserts, page 64.</li> </ul>  |
| Material                     | Steel   |
| Finish                       | Structured finish, epoxy-polyester powder   |
| Colour                       | RAL 7035 grey   |
| Ingress protection rating    | <ul style="list-style-type: none"> <li>■ IP66 for the single-door enclosures and IP55 for the double-door enclosures, according to IEC 60529</li> </ul>   |
| Mechanical protection rating | <ul style="list-style-type: none"> <li>■ IK10 for the plain-door enclosures, according to IEC 62262</li> <li>■ IK08 for the glazed-door enclosures</li> </ul>   |
| Standards                    | <p>Compliance with enclosure standards IEC 62208</p> <p>The Spacial S3D wall-mounting enclosures are compliant with the RoHS directive</p>  |
| Certifications               | <ul style="list-style-type: none"> <li>■ UL, CUL, BV, DNV, GL, ATEX (modified enclosure)</li> <li>■ NEMA type 4, 4X for the single-door enclosures and NEMA type 12, 12K, 13 for the double-door enclosures according to NEMA 250 standard. Information on NEMA &amp; UL classification on pages 508 and 509</li> </ul> <p><b>Nuclear decontamination: RAL 7035 and AFNOR A550 tests available on demand. More information on coating properties on pages 510 and 511</b></p>   |
| Installation                 | <p>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)</p> <p>It is always advisable to install a canopy to avoid water stagnation on the upper part of the enclosure</p>  |
| Fixing                       | 4 (or 6**) M8 x 25 shouldered backstuds for installing mounting plates and step slides, leaving a space of 10 mm behind them.   |
| Supply                       | <p><b>Body</b></p> <ul style="list-style-type: none"> <li>■ Single-piece body (cross-shaped structure). Gutter-shaped front profile with double fold. Flat rear</li> <li>■ M6 x 16 earthing screws for equipotential connection between the door and the body of the enclosure</li> <li>■ Cable-gland plate with marking for easy drilling and to guarantee the maximum access surface; delivered with the enclosure. This plate is flush with the body of the enclosure (detail and other options on page 68)</li> <li>■ Direct wall-mounting (4 Ø 10 holes for the sealing plugs guaranteeing the IP) or with the help of fixing lugs installed from the outside (to be ordered separately, see page 58)</li> </ul> <p><b>Door</b></p> <ul style="list-style-type: none"> <li>■ Wall-mounting enclosure supplied with 3-mm double-bar lock as standard</li> <li>■ Polyurethane door gasket</li> <li>■ M6 x 16 earthing screws for equipotential connection between the door and the body of the enclosure</li> <li>■ Easily removable and reversible, with 20-mm return with double thickness granting excellent rigidity, opening to 120°, equipped with 2 or 3 invisible hinges*</li> <li>■ Door opening to 180° with optional hinges (page 66)</li> <li>■ For heights from 600 mm, three locking points with linkage, with a single control point. Simple reversal of linkage. Maximum load: 50 kg/m<sup>2</sup></li> <li>■ A handle is delivered which provides 2 functions: <ul style="list-style-type: none"> <li><input type="checkbox"/> Operating key</li> <li><input type="checkbox"/> Tool for loosening the stud protection caps. This handle can be solidly attached to the locking system by means of a captive element</li> </ul> </li> <li>■ Perforated rails on the door, with drill holes with a diameter of 4.2 mm in steps of 25 mm: <ul style="list-style-type: none"> <li><input type="checkbox"/> 2 vertical rails from the height of 400 mm</li> <li><input type="checkbox"/> 2 vertical rails and 2 horizontal rails from the width of 800 mm</li> </ul> </li> </ul> |

\* From the height of 800 mm.

\*\* 6 studs for widths 1000 and 1200 (see pages 72 and 73).

# Steel wall-mounting enclosures

## Selection guide

PE500096-13



PE500097-13



PE500072-13



PE500100-13



| Dimensions (1)<br>(mm) |       |       | No. of doors | IP    | Weight<br>(kg) (2) | Door                |                        |                        | Mounting plate   |          |         |
|------------------------|-------|-------|--------------|-------|--------------------|---------------------|------------------------|------------------------|------------------|----------|---------|
| Height                 | Width | Depth |              |       |                    | Plain               | Glazed                 | Plain                  | Silkscreened (3) |          |         |
|                        |       |       |              |       |                    | With mounting plate | Without mounting plate | Without mounting plate |                  |          |         |
| 300                    | 200   | 150   | 1            | 66    | 3.02               | NSYS3D3215P         | NSYS3D3215             | -                      | NSYMM32          | -        |         |
|                        |       | 250   | 1            | 66    | 3.48               | NSYS3D32515P        | NSYS3D32515            | NSYS3D32515T           | NSYMM3025        | -        |         |
|                        | 300   | 150   | 1            | 66    | 3.90               | NSYS3D3315P         | NSYS3D3315             | NSYS3D3315T            | NSYMM33          | -        |         |
|                        |       | 200   | 1            | 66    | 4.50               | NSYS3D3320P         | NSYS3D3320             | NSYS3D3320T            | NSYMM33          | -        |         |
|                        | 400   | 150   | 1            | 66    | 4.82               | NSYS3D3415P         | NSYS3D3415             | NSYS3D3415T            | NSYMM43          | NSYMS43  |         |
|                        |       | 200   | 1            | 66    | 5.60               | NSYS3D3420P         | NSYS3D3420             | NSYS3D3420T            | NSYMM43          | NSYMS43  |         |
| 400                    | 300   | 150   | 1            | 66    | 4.90               | NSYS3D4315P         | NSYS3D4315             | NSYS3D4315T            | NSYMM43          | NSYMS43  |         |
|                        |       | 200   | 1            | 66    | 5.00               | NSYS3D4320P         | NSYS3D4320             | NSYS3D4320T            | NSYMM43          | NSYMS43  |         |
|                        | 400   | 200   | 1            | 66    | 6.50               | NSYS3D4420P         | NSYS3D4420             | NSYS3D4420T            | NSYMM44          | NSYMS44  |         |
|                        |       | 600   | 1            | 66    | 10.50              | NSYS3D4620P         | NSYS3D4620             | NSYS3D4620T            | NSYMM64          | NSYMS64  |         |
|                        | 250   | 1     | 66           | 12.00 | NSYS3D4625P        | NSYS3D4625          | NSYS3D4625T            | NSYMM64                | NSYMS64          |          |         |
|                        |       |       |              |       |                    |                     |                        |                        |                  |          |         |
| 500                    | 300   | 200   | 1            | 66    | 7.50               | NSYS3D5320P         | NSYS3D5320             | NSYS3D5320T            | NSYMM53          | NSYMS53  |         |
|                        |       | 400   | 1            | 66    | 9.30               | NSYS3D5420P         | NSYS3D5420             | NSYS3D5420T            | NSYMM54          | NSYMS54  |         |
|                        | 250   | 1     | 66           | 10.20 | NSYS3D5425P        | NSYS3D5425          | NSYS3D5425T            | NSYMM54                | NSYMS54          |          |         |
|                        |       | 500   | 1            | 66    | 11.18              | NSYS3D5520P         | NSYS3D5520             | NSYS3D5520T            | NSYMM55          | NSYMS55  |         |
|                        | 250   | 1     | 66           | 12.06 | NSYS3D5525P        | NSYS3D5525          | NSYS3D5525T            | NSYMM55                | NSYMS55          |          |         |
|                        |       |       |              |       |                    |                     |                        |                        |                  |          |         |
| 600                    | 400   | 200   | 1            | 66    | 11.00              | NSYS3D6420P         | NSYS3D6420             | NSYS3D6420T            | NSYMM64          | NSYMS64  |         |
|                        |       | 250   | 1            | 66    | 12.00              | NSYS3D6425P         | NSYS3D6425             | NSYS3D6425T            | NSYMM64          | NSYMS64  |         |
|                        | 500   | 250   | 1            | 66    | 16.20              | NSYS3D6525P         | NSYS3D6525             | NSYS3D6525T            | NSYMM65          | -        |         |
|                        |       | 600   | 1            | 66    | 14.00              | NSYS3D6620P         | NSYS3D6620             | NSYS3D6620T            | NSYMM66          | NSYMS66  |         |
|                        | 250   | 1     | 66           | 15.00 | NSYS3D6625P        | NSYS3D6625          | NSYS3D6625T            | NSYMM66                | NSYMS66          |          |         |
|                        |       | 300   | 1            | 66    | 17.00              | NSYS3D6630P         | NSYS3D6630             | NSYS3D6630T            | NSYMM66          | NSYMS66  |         |
|                        | 400   | 1     | 66           | 19.00 | NSYS3D6640P        | NSYS3D6640          | NSYS3D6640T            | NSYMM66                | NSYMS66          |          |         |
|                        |       | 800   | 1            | 66    | 25.50              | NSYS3D6830P         | NSYS3D6830             | NSYS3D6830T            | NSYMM86          | NSYMS86  |         |
|                        | 700   | 500   | 250          | 1     | 66                 | 15.00               | NSYS3D7525P            | NSYS3D7525             | NSYS3D7525T      | NSYMM75  | NSYMS75 |
|                        |       |       |              |       |                    |                     |                        |                        |                  |          |         |
| 800                    | 600   | 200   | 1            | 66    | 21.00              | NSYS3D8620P         | NSYS3D8620             | NSYS3D8620T            | NSYMM86          | NSYMS86  |         |
|                        |       | 250   | 1            | 66    | 23.00              | NSYS3D8625P         | NSYS3D8625             | NSYS3D8625T            | NSYMM86          | NSYMS86  |         |
|                        |       | 300   | 1            | 66    | 25.00              | NSYS3D8630P         | NSYS3D8630             | NSYS3D8630T            | NSYMM86          | NSYMS86  |         |
|                        |       | 400   | 1            | 66    | 29.00              | NSYS3D8640P         | NSYS3D8640             | NSYS3D8640T            | NSYMM86          | NSYMS86  |         |
|                        | 800   | 250   | 1            | 66    | 30.00              | NSYS3D8825P         | NSYS3D8825             | NSYS3D8825T            | NSYMM88          | -        |         |
|                        |       | 300   | 1            | 66    | 32.00              | NSYS3D8830P         | NSYS3D8830             | NSYS3D8830T            | NSYMM88          | -        |         |
|                        | 1000  | 300   | 1            | 66    | 38.00              | NSYS3D81030P        | NSYS3D81030            | -                      | NSYMM108         | -        |         |
|                        |       |       | 2            | 55    | 43.50              | NSYS3D81030DP       | NSYS3D81030D           | -                      | NSYMM108         | -        |         |
|                        | 1200  | 300   | 2            | 55    | 46.00              | NSYS3D81230DP       | NSYS3D81230D           | -                      | NSYMM128         | -        |         |
|                        |       |       |              |       |                    |                     |                        |                        |                  |          |         |
| 1000                   | 600   | 250   | 1            | 66    | 28.00              | NSYS3D10625P        | NSYS3D10625            | NSYS3D10625T           | NSYMM106         | -        |         |
|                        |       | 300   | 1            | 66    | 30.60              | NSYS3D10630P        | NSYS3D10630            | NSYS3D10630T           | NSYMM106         | -        |         |
|                        |       | 400   | 1            | 66    | 33.00              | NSYS3D10640P        | NSYS3D10640            | NSYS3D10640T           | NSYMM106         | -        |         |
|                        | 800   | 250   | 1            | 66    | 35.00              | NSYS3D10825P        | NSYS3D10825            | NSYS3D10825T           | NSYMM108         | -        |         |
|                        |       | 300   | 1            | 66    | 38.00              | NSYS3D10830P        | NSYS3D10830            | NSYS3D10830T           | NSYMM108         | -        |         |
|                        |       | 400   | 1            | 66    | 42.00              | NSYS3D10840P        | NSYS3D10840            | NSYS3D10840T           | NSYMM108         | -        |         |
|                        | 1000  | 300   | 1            | 66    | 46.00              | NSYS3D101030P       | NSYS3D101030           | NSYS3D101030T          | NSYMM1010        | -        |         |
|                        |       |       | 2            | 55    | 46.00              | NSYS3D101030DP      | NSYS3D101030D          | NSYS3D101030DT         | NSYMM1010        | -        |         |
|                        |       | 400   | 2            | 55    | 53.00              | NSYS3D101230DP      | NSYS3D101230D          | -                      | NSYMM1210        | -        |         |
|                        | 1200  | 600   | 300          | 1     | 66                 | 37.00               | NSYS3D12630P           | NSYS3D12630            | NSYS3D12630T     | NSYMM126 | -       |
|                        |       |       | 400          | 1     | 66                 | 42.00               | NSYS3D12640P           | NSYS3D12640            | NSYS3D12640T     | NSYMM126 | -       |
|                        |       | 800   | 300          | 1     | 66                 | 45.00               | NSYS3D12830P           | NSYS3D12830            | NSYS3D12830T     | NSYMM128 | -       |
| 400                    |       |       | 1            | 66    | 49.00              | NSYS3D12840P        | NSYS3D12840            | NSYS3D12840T           | NSYMM128         | -        |         |
| 1000                   |       | 300   | 1            | 66    | 53.00              | NSYS3D121030P       | NSYS3D121030           | NSYS3D121030T          | NSYMM1210        | -        |         |
|                        |       |       | 2            | 55    | 54.00              | NSYS3D121030DP      | NSYS3D121030D          | NSYS3D121030DT         | NSYMM1210        | -        |         |
| 1200                   | 300   | 2     | 55           | 61.00 | NSYS3D121040DP     | NSYS3D121040D       | -                      | NSYMM1210              | -                |          |         |
|                        |       | 400   | 2            | 55    | 64.00              | NSYS3D121230DP      | NSYS3D121230D          | -                      | NSYMM1212        | -        |         |
| 1400                   | 1000  | 300   | 2            | 55    | 80.00              | NSYS3D141030DP      | NSYS3D141030D          | -                      | NSYMM1410        | -        |         |

(1) For other dimensions, see our application offer.

(2) Enclosure without mounting plate.

(3) In inverted use, the marking is inverted.

# Steel wall-mounting enclosures

## Selection guide



|  |                 |                |               |                  |      |                              | Modular mounting plate |           |                |                  |
|--|-----------------|----------------|---------------|------------------|------|------------------------------|------------------------|-----------|----------------|------------------|
|  | Microperforated | Telequick      | Bakelite      | DIN rail chassis | Type | Aluminium vertical rails (4) | Modular chassis        |           | No. of modules | Door cross-rails |
|  |                 |                |               |                  |      |                              | DLA Insulated          | DLM Steel |                |                  |
|  | NSYMF32         | NSYMR32        | NSYMB32       | -                | -    | NSYMDVR3                     | -                      | -         | -              | -                |
|  | -               | NSYMR3025      | NSYMB3025     | -                | -    | NSYMDVR3                     | -                      | -         | -              | -                |
|  | NSYMF33         | NSYMR33        | NSYMB33       | NSYMD33          | B    | NSYMDVR3                     | -                      | -         | -              | -                |
|  | NSYMF33         | NSYMR33        | NSYMB33       | NSYMD33          | B    | NSYMDVR3                     | -                      | -         | -              | -                |
|  | NSYMF43         | NSYMR34        | NSYMB43       | -                | -    | NSYMDVR3                     | -                      | -         | -              | -                |
|  | NSYMF43         | NSYMR34        | NSYMB43       | -                | -    | NSYMDVR3                     | -                      | -         | -              | -                |
|  | NSYMF43         | NSYMR43        | NSYMB43       | NSYMD43          | B    | NSYMDVR4                     | -                      | NSYDLM24  | 24             | -                |
|  | NSYMF43         | NSYMR43        | NSYMB43       | NSYMD43          | B    | NSYMDVR4                     | NSYDLA24               | NSYDLM24  | 24             | -                |
|  | NSYMF44         | NSYMR44        | -             | -                | -    | NSYMDVR4                     | -                      | -         | -              | NSYTFPCR4        |
|  | NSYMF64         | NSYMR46        | NSYMB64       | -                | -    | NSYMDVR4                     | -                      | -         | -              | NSYTFPCR6        |
|  | NSYMF64         | NSYMR46        | NSYMB64       | -                | -    | NSYMDVR4                     | -                      | -         | -              | NSYTFPCR6        |
|  | NSYMF53         | NSYMR53        | -             | -                | -    | NSYMDVR5                     | -                      | -         | -              | -                |
|  | NSYMF54         | NSYMR54        | NSYMB54       | NSYMD54          | B    | NSYMDVR5                     | NSYDLA48               | NSYDLM48  | 48             | NSYTFPCR4        |
|  | NSYMF54         | NSYMR54        | NSYMB54       | NSYMD54          | B    | NSYMDVR5                     | -                      | NSYDLM48  | 48             | NSYTFPCR4        |
|  | NSYMF55         | NSYMR55        | -             | -                | -    | NSYMDVR5                     | -                      | -         | -              | NSYTFPCR5        |
|  | NSYMF55         | NSYMR55        | -             | -                | -    | NSYMDVR5                     | -                      | -         | -              | NSYTFPCR5        |
|  | NSYMF64         | NSYMR64        | NSYMB64       | NSYMD64          | B    | NSYMDVR6                     | NSYDLA48P              | NSYDLM48P | 48             | NSYTFPCR4        |
|  | NSYMF64         | NSYMR64        | NSYMB64       | NSYMD64          | B    | NSYMDVR6                     | NSYDLA48P              | NSYDLM48P | 48             | NSYTFPCR4        |
|  | NSYMF65         | NSYMR65        | NSYMB65       | -                | -    | NSYMDVR6                     | -                      | -         | -              | -                |
|  | NSYMF66         | NSYMR66        | -             | NSYMD66          | A    | NSYMDVR6                     | -                      | NSYDLM84P | 84             | NSYTFPCR6        |
|  | NSYMF66         | NSYMR66        | -             | NSYMD66          | A    | NSYMDVR6                     | -                      | NSYDLM84P | 84             | NSYTFPCR6        |
|  | NSYMF66         | NSYMR66        | -             | NSYMD66          | A    | NSYMDVR6                     | -                      | NSYDLM84P | 84             | NSYTFPCR6        |
|  | NSYMF66         | NSYMR66        | -             | NSYMD66          | A    | NSYMDVR6                     | -                      | NSYDLM84P | 84             | NSYTFPCR6        |
|  | NSYMF86         | NSYMR68        | NSYMB86       | NSYMD86          | A    | NSYMDVR6                     | -                      | -         | -              | NSYTFPCR8        |
|  | NSYMF75         | NSYMR75        | NSYMB75       | NSYMD75          | B    | NSYMDVR7                     | NSYDLA66               | NSYDLM66  | 66             | NSYTFPCR5        |
|  | NSYMF86         | NSYMR86        | NSYMB86       | NSYMD86          | A    | NSYMDVR8                     | NSYDLA84/NSYDLA112     | NSYDLM84  | 84*            | NSYTFPCR6        |
|  | NSYMF86         | NSYMR86        | NSYMB86       | NSYMD86          | A    | NSYMDVR8                     | NSYDLA84/NSYDLA112     | NSYDLM112 | 112*           | NSYTFPCR6        |
|  | NSYMF86         | NSYMR86        | NSYMB86       | NSYMD86          | A    | NSYMDVR8                     | NSYDLA84/NSYDLA112     | NSYDLM112 | 112*           | NSYTFPCR6        |
|  | NSYMF88         | NSYMR88        | NSYMB86       | NSYMD86          | A    | NSYMDVR8                     | NSYDLA84/NSYDLA112     | NSYDLM112 | 112*           | NSYTFPCR6        |
|  | NSYMF88         | NSYMR88        | -             | -                | -    | NSYMDVR8                     | -                      | -         | -              | NSYTFPCR8        |
|  | NSYMF88         | NSYMR88        | -             | -                | -    | NSYMDVR8                     | -                      | -         | -              | NSYTFPCR8        |
|  | NSYMF108        | NSYMR810       | NSYMB108      | -                | -    | NSYMDVR8                     | -                      | -         | -              | NSYTFPCR10       |
|  | NSYMF108        | NSYMR810       | NSYMB108      | -                | -    | NSYMDVR8                     | -                      | -         | -              | -                |
|  | NSYMF128        | 2 x NSYMR86 +  | 2 x NSYMB86 + | 2 x NSYMD86 +    | A    | NSYMDVR8                     | -                      | -         | -              | -                |
|  | NSYMF106        | NSYMR106       | NSYMB106      | -                | -    | NSYMDVR10                    | -                      | NSYDLM168 | 168**          | NSYTFPCR6        |
|  | NSYMF106        | NSYMR106       | NSYMB106      | -                | -    | NSYMDVR10                    | -                      | NSYDLM168 | 168**          | NSYTFPCR6        |
|  | NSYMF106        | NSYMR106       | NSYMB106      | -                | -    | NSYMDVR10                    | -                      | NSYDLM168 | 168**          | NSYTFPCR6        |
|  | NSYMF108        | NSYMR108       | NSYMB108      | NSYMD108         | A    | NSYMDVR10                    | NSYDLA234              | NSYDLM240 | 240            | NSYTFPCR8        |
|  | NSYMF108        | NSYMR108       | NSYMB108      | NSYMD108         | A    | NSYMDVR10                    | NSYDLA234              | NSYDLM240 | 240            | NSYTFPCR8        |
|  | NSYMF108        | NSYMR108       | NSYMB108      | NSYMD108         | A    | NSYMDVR10                    | NSYDLA234              | NSYDLM240 | 240            | NSYTFPCR8        |
|  | NSYMF1010       | NSYMR1010 (5)  | -             | -                | -    | NSYMDVR10                    | -                      | -         | -              | NSYTFPCR10       |
|  | NSYMF1010       | NSYMR1010 (5)  | -             | -                | -    | NSYMDVR10                    | -                      | -         | -              | -                |
|  | NSYMF1210       | NSYMR1012 (5)  | NSYMB1210     | -                | -    | NSYMDVR10                    | -                      | -         | -              | -                |
|  | NSYMF1210       | NSYMR1012 (5)  | NSYMB1210     | -                | -    | NSYMDVR10                    | -                      | -         | -              | -                |
|  | NSYMF126        | -              | -             | -                | -    | NSYMDVR12                    | -                      | -         | -              | -                |
|  | NSYMF126        | -              | -             | -                | -    | NSYMDVR12                    | -                      | -         | -              | -                |
|  | NSYMF128        | NSYMR128       | -             | NSYMD128         | A    | NSYMDVR12                    | -                      | -         | -              | NSYTFPCR8        |
|  | NSYMF128        | NSYMR128       | -             | NSYMD128         | A    | NSYMDVR12                    | -                      | -         | -              | NSYTFPCR8        |
|  | NSYMF1210       | NSYMR1210 (5)  | NSYMB1210     | -                | -    | NSYMDVR12                    | -                      | -         | -              | NSYTFPCR10       |
|  | NSYMF1210       | NSYMR1210 (5)  | NSYMB1210     | -                | -    | NSYMDVR12                    | -                      | -         | -              | -                |
|  | NSYMF1210       | NSYMR1210 (5)  | NSYMB1210     | -                | -    | NSYMDVR12                    | -                      | -         | -              | -                |
|  | 2 x NSYMF126 +  | 2 x NSYMR126 + | -             | -                | -    | NSYMDVR12                    | -                      | -         | -              | -                |
|  | 2 x NSYMF126 +  | 2 x NSYMR126 + | -             | -                | -    | NSYMDVR12                    | -                      | -         | -              | -                |
|  | -               | NSYMR1410 (5)  | -             | -                | -    | -                            | -                      | -         | -              | -                |

+ Order **NSYCRNGSDR** for double mounting of the mounting plates.

(4) Order nuts ref. **NSYAMCSF**. Steel siderail ref. **NSYMDVR12**.

(5) When width  $\geq 1000$  ref. **NSYEMR** is mandatory (see on page 72).

\* Possible assembling to ref. **NSYDLM84P** or **NSYDLM112**.

\*\* Possible assembling to ref. **NSYDLM168** or **NSYDLM240**.

# Steel wall-mounting enclosures

## Selection guide



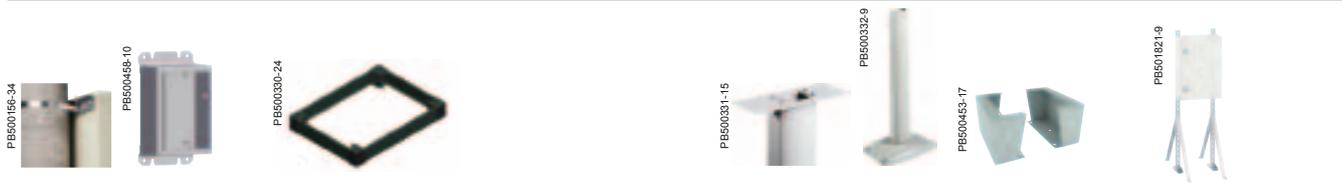
| Dimensions (1)<br>(mm) |       |       | Electronics and networks<br>19" racks |            |             |            | Cable-entry accessories<br>Cable-gland plates |                |                       |           |                    | Composition accessories |                   |             |            |                     |
|------------------------|-------|-------|---------------------------------------|------------|-------------|------------|---|----------------|-----------------------|-----------|--------------------|-------------------------|-------------------|-------------|------------|---------------------|
| Height                 | Width | Depth | Fixed                                 | No. of U   | Swing       | No. of U   | Entry type                                    | Standard steel | Steel with knock-outs | Aluminium | Steel with cut-out | FlexiCable              | Internal door (3) | Step slides | Canopy     |                     |
|                        |       |       |                                       |            |             |            |   |                |                       |           |                    |                         |                   |             |            | For FL membrane (2) |
| 300                    | 200   | 150   | -                                     | -          | -           | -          | A   | NSYTLA         | NSYTLAK               | NSYTLAU   | -                  | -                       | -                 | -           | NSYTJ2015  |                     |
|                        |       | 250   | -                                     | -          | -           | -          | A   | NSYTLA         | NSYTLAK               | NSYTLAU   | -                  | -                       | -                 | -           | NSYTJ2515  |                     |
|                        | 300   | 150   | -                                     | -          | -           | -          | B   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | -                 | -           | NSYTJ3015  |                     |
|                        |       | 200   | -                                     | -          | -           | -          | C   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | -                 | -           | NSYTJ3020  |                     |
|                        | 400   | 150   | -                                     | -          | -           | -          | B   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | -                 | -           | NSYTJ4015  |                     |
|                        |       | 200   | -                                     | -          | -           | -          | D   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | -                 | -           | NSYTJ4020  |                     |
| 400                    | 300   | 150   | -                                     | -          | -           | -          | B   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | NSYPIN43          | -           | NSYTJ3015  |                     |
|                        |       | 200   | -                                     | -          | -           | -          | C   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | NSYPIN43          | NSYSDCR200  | NSYTJ3020  |                     |
|                        |       | 250   | -                                     | -          | -           | -          | D   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | NSYSDCR200        | NSYTJ4020   |            |                     |
|                        | 600   | 200   | NSYVDM8UF                             | 8          | NSYVDM7UP   | 7          | F   | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | -                 | NSYSDCR200  | NSYTJ6020  |                     |
|                        |       | 250   | NSYVDM8UF                             | 8          | NSYVDM7UP   | 7          | F   | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | -                 | NSYSDCR250  | NSYTJ6025  |                     |
|                        |       | 300   | -                                     | -          | -           | -          | C   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | -                 | NSYSDCR200  | NSYTJ3020  |                     |
| 500                    | 400   | 200   | -                                     | -          | -           | -          | D   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | NSYPIN54          | NSYSDCR200  | NSYTJ4020  |                     |
|                        |       | 250   | -                                     | -          | -           | -          | D   | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | -                       | NSYPIN54          | NSYSDCR250  | NSYTJ4025  |                     |
|                        | 500   | 200   | -                                     | -          | -           | -          | E   | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | -                 | NSYSDCR200  | NSYTJ6020  |                     |
|                        |       | 250   | -                                     | -          | -           | -          | E   | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | -                 | NSYSDCR250  | NSYTJ6025  |                     |
|                        | 600   | 400   | 200                                   | -          | -           | -          | -   | D              | NSYTLB                | NSYTLBK   | NSYTLBU            | NSYTLBFL                | -                 | NSYPIN64    | NSYSDCR200 | NSYTJ4020           |
|                        |       |       | 250                                   | -          | -           | -          | -   | D              | NSYTLB                | NSYTLBK   | NSYTLBU            | NSYTLBFL                | -                 | NSYPIN64    | NSYSDCR250 | NSYTJ4025           |
| 600                    |       | 200   | NSYVDM12UF                            | 12         | NSYVDM11UP  | 11         | F   | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | -                 | NSYSDCR200  | NSYTJ6020  |                     |
|                        |       | 250   | NSYVDM12UF                            | 12         | NSYVDM11UP  | 11         | F   | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | -                 | NSYSDCR250  | NSYTJ6025  |                     |
|                        |       | 300   | NSYVDM12UF                            | 12         | NSYVDM11UP  | 11         | G   | NSYTLG         | NSYTLGK               | NSYTLGU   | NSYTLG2FL**        | NSYTLGME                | -                 | NSYSDCR300  | NSYTJ6030  |                     |
|                        |       | 400   | NSYVDM12UF                            | 12         | NSYVDM11UP  | 11         | G   | NSYTLG         | NSYTLGK               | NSYTLGU   | NSYTLG2FL**        | NSYTLGME                | -                 | NSYSDCR400  | NSYTJ6040  |                     |
| 800                    | 300   | -     | -                                     | -          | -           | D*         | NSYTLB  | NSYTLBK        | NSYTLBU               | NSYTLBFL  | 2 x NSYTLDME       | -                       | NSYSDCR300        | NSYTJ8030   |            |                     |
| 700                    | 500   | 250   | -                                     | -          | -           | -          | E   | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN75          | NSYSDCR250  | NSYTJ5025  |                     |
|                        |       | 300   | -                                     | -          | -           | -          | E   | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN75          | NSYSDCR300  | NSYTJ5030  |                     |
|                        | 800   | 600   | 200                                   | NSYVDM17UF | 17          | NSYVDM16UP | 16  | F              | NSYTLF                | NSYTLFK   | NSYTLFU            | NSYTLFFL                | NSYTLFME          | NSYPIN86    | NSYSDCR200 | NSYTJ6020           |
|                        |       |       | 250                                   | NSYVDM17UF | 17          | NSYVDM16UP | 16  | F              | NSYTLF                | NSYTLFK   | NSYTLFU            | NSYTLFFL                | NSYTLFME          | NSYPIN86    | NSYSDCR250 | NSYTJ6025           |
|                        |       | 800   | 300                                   | NSYVDM17UF | 17          | NSYVDM16UP | 16  | G              | NSYTLG                | NSYTLGK   | NSYTLGU            | NSYTLG2FL**             | NSYTLGME          | NSYPIN86    | NSYSDCR300 | NSYTJ6030           |
|                        |       |       | 400                                   | NSYVDM17UF | 17          | NSYVDM16UP | 16  | G              | NSYTLG                | NSYTLGK   | NSYTLGU            | NSYTLG2FL**             | NSYTLGME          | NSYPIN86    | NSYSDCR400 | NSYTJ6040           |
| 800                    | 800   | 250   | -                                     | -          | -           | -          | D*  | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | 2 x NSYTLDME            | -                 | NSYSDCR250  | NSYTJ8025  |                     |
|                        |       | 300   | -                                     | -          | -           | -          | D*  | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | 2 x NSYTLDME            | -                 | NSYSDCR300  | NSYTJ8030  |                     |
|                        | 1000  | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN86          | NSYSDCR300  | NSYTJ10030 |                     |
|                        |       | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN86          | NSYSDCR400  | NSYTJ10040 |                     |
|                        |       | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN106         | NSYSDCR300  | NSYTJ10030 |                     |
|                        |       | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN106         | NSYSDCR400  | NSYTJ10040 |                     |
| 1000                   | 600   | 250   | NSYVDM21UF                            | 21         | NSYVDM20UP  | 20         | F   | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN106         | NSYSDCR250  | NSYTJ6025  |                     |
|                        |       | 300   | NSYVDM21UF                            | 21         | NSYVDM20UP  | 20         | G   | NSYTLG         | NSYTLGK               | NSYTLGU   | NSYTLG2FL**        | NSYTLGME                | NSYPIN106         | NSYSDCR300  | NSYTJ6030  |                     |
|                        | 800   | 400   | NSYVDM21UF                            | 21         | NSYVDM20UP  | 20         | G   | NSYTLG         | NSYTLGK               | NSYTLGU   | NSYTLG2FL**        | NSYTLGME                | NSYPIN106         | NSYSDCR400  | NSYTJ6040  |                     |
|                        |       | 250   | -                                     | -          | NSYVDM20U8P | 20         | D*  | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | 2 x NSYTLDME            | NSYPIN108         | NSYSDCR250  | NSYTJ8025  |                     |
|                        |       | 300   | -                                     | -          | NSYVDM20U8P | 20         | D*  | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | 2 x NSYTLDME            | NSYPIN108         | NSYSDCR300  | NSYTJ8030  |                     |
|                        |       | 400   | -                                     | -          | NSYVDM20U8P | 20         | D*  | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | 2 x NSYTLDME            | NSYPIN108         | NSYSDCR400  | NSYTJ8040  |                     |
| 1200                   | 600   | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN106         | NSYSDCR300  | NSYTJ10030 |                     |
|                        |       | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN106         | NSYSDCR400  | NSYTJ10040 |                     |
|                        | 800   | 300   | -                                     | -          | NSYVDM25U8P | 25         | D*  | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | 2 x NSYTLDME            | NSYPIN126         | NSYSDCR300  | NSYTJ8030  |                     |
|                        |       | 400   | -                                     | -          | NSYVDM25U8P | 25         | D*  | NSYTLB         | NSYTLBK               | NSYTLBU   | NSYTLBFL           | 2 x NSYTLDME            | NSYPIN126         | NSYSDCR400  | NSYTJ8040  |                     |
|                        |       | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN126         | NSYSDCR300  | NSYTJ10030 |                     |
|                        |       | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN126         | NSYSDCR400  | NSYTJ10040 |                     |
| 1400                   | 1000  | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN126         | NSYSDCR300  | NSYTJ10030 |                     |
|                        |       | 300   | -                                     | -          | -           | -          | E*  | NSYTLF         | NSYTLFK               | NSYTLFU   | NSYTLFFL           | NSYTLFME                | NSYPIN126         | NSYSDCR400  | NSYTJ10040 |                     |

(1) For other dimensions, see our application offer, page 16.  
 (2) FL13 for entry type A and B FL21 for all other entries.  
 (3) To adjust the depth of the internal door, please order the step slides.

\* 2 plates.  
 \*\* Exists with 1 cut-out NSYTLGFL.

# Steel wall-mounting enclosures

## Selection guide



|            | Fixing on post  | Full width wall fixing lugs | Lateral plinth**** |              | Plain front plinth (4)**** |               | Support pillar adaptation plate | Support pillar | Floor stand kit for wall-mounting |        | Support bracket for enclosure with anti-tilt kit and reinforcement |
|------------|-----------------|-----------------------------|--------------------|--------------|----------------------------|---------------|---------------------------------|----------------|-----------------------------------|--------|--|
|            |                 |                             | 100 mm             | 200 mm       | 100 mm                     | 200 mm        |                                 |                | 300 mm                            | 400 mm |  |
| -          | -               | NSYAEFPFS3DW20              | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| -          | -               | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC30 | NSYAEFPFS3DW30  | -                           | -                  | -            | -                          | NSYAEFP315S3D | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC30 | NSYAEFPFS3DW30  | -                           | -                  | -            | -                          | NSYAEFP32S3D  | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC40 | NSYAEFPFS3DW40  | -                           | -                  | -            | -                          | NSYAEFP315S3D | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC40 | NSYAEFPFS3DW40  | -                           | -                  | -            | -                          | NSYAEFP42S3D  | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC30 | NSYAEFPFS3DW30  | -                           | -                  | -            | -                          | NSYAEFP315S3D | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC30 | NSYAEFPFS3DW30  | -                           | -                  | -            | -                          | NSYAEFP32S3D  | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC40 | NSYAEFPFS3DW40  | -                           | -                  | -            | -                          | NSYAEFP42S3D  | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC30 | NSYAEFPFS3DW30  | -                           | -                  | -            | -                          | NSYAEFP32S3D  | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC40 | NSYAEFPFS3DW40  | -                           | -                  | -            | -                          | NSYAEFP42S3D  | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC40 | NSYAEFPFS3DW40  | -                           | -                  | -            | -                          | NSYAEFP42S3D  | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC50 | NSYAEFPFS3DW50  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC50 | NSYAEFPFS3DW50  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC40 | NSYAEFPFS3DW40  | -                           | -                  | -            | -                          | NSYAEFP42S3D  | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC40 | NSYAEFPFS3DW40  | -                           | -                  | -            | -                          | NSYAEFP42S3D  | NSYCOCN80                       | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC50 | NSYAEFPFS3DW50  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF6100  | NSYSPPF6200                | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | NSYSPS4100SD                | NSYSPS4200SD       | NSYSPPF6100  | NSYSPPF6200                | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC80 | NSYAEFPFS3DW80  | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF8100  | NSYSPPF8200                | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC50 | NSYAEFPFS3DW50  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF6100  | NSYSPPF6200                | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC60 | NSYAEFPFS3DW60  | NSYSPS4100SD                | NSYSPS4200SD       | NSYSPPF6100  | NSYSPPF6200                | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC80 | NSYAEFPFS3DW80  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| NSYSFPSC80 | NSYAEFPFS3DW80  | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF8100  | NSYSPPF8200                | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | NSYCOCNS1400   |
| -          | NSYAEFPFS3DW100 | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF10100 | NSYSPPF10200               | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | NSYCOCNS1400   |
| -          | NSYAEFPFS3DW100 | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF10100 | NSYSPPF10200               | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| -          | NSYAEFPFS3DW120 | -                           | -                  | -            | -                          | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | NSYCOCNS1400   |
| -          | NSYAEFPFS3DW60  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| -          | NSYAEFPFS3DW60  | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF6100  | NSYSPPF6200                | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| -          | NSYAEFPFS3DW60  | NSYSPS4100SD                | NSYSPS4200SD       | NSYSPPF6100  | NSYSPPF6200                | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| -          | NSYAEFPFS3DW80  | -                           | -                  | -            | -                          | -             | -                               | -              | -                                 | -      | NSYCOCNS1400   |
| -          | NSYAEFPFS3DW80  | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF8100  | NSYSPPF8200                | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | NSYCOCNS1400   |
| -          | NSYAEFPFS3DW80  | NSYSPS4100SD                | NSYSPS4200SD       | NSYSPPF8100  | NSYSPPF8200                | -             | -                               | NSYWWMK43      | NSYWWMK44                         | -      | -  |
| -          | NSYAEFPFS3DW100 | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF10100 | NSYSPPF10200               | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | -  |
| -          | NSYAEFPFS3DW100 | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF10100 | NSYSPPF10200               | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | -  |
| -          | NSYAEFPFS3DW120 | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF12100 | NSYSPPF12200               | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | -  |
| -          | NSYAEFPFS3DW120 | NSYSPS4100SD                | NSYSPS4200SD       | NSYSPPF12100 | NSYSPPF12200               | -             | -                               | NSYWWMK43      | NSYWWMK44                         | -      | -  |
| -          | NSYAEFPFS3DW60  | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF6100  | NSYSPPF6200                | -             | -                               | -              | -                                 | -      | -  |
| -          | NSYAEFPFS3DW60  | NSYSPS4100SD                | NSYSPS4200SD       | NSYSPPF6100  | NSYSPPF6200                | -             | -                               | -              | -                                 | -      | -  |
| -          | NSYAEFPFS3DW80  | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF8100  | NSYSPPF8200                | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | -  |
| -          | NSYAEFPFS3DW80  | NSYSPS4100SD                | NSYSPS4200SD       | NSYSPPF8100  | NSYSPPF8200                | -             | -                               | NSYWWMK43      | NSYWWMK44                         | -      | -  |
| -          | NSYAEFPFS3DW100 | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF10100 | NSYSPPF10200               | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | -  |
| -          | NSYAEFPFS3DW100 | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF10100 | NSYSPPF10200               | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | -  |
| -          | NSYAEFPFS3DW100 | NSYSPS4100SD                | NSYSPS4200SD       | NSYSPPF10100 | NSYSPPF10200               | -             | -                               | NSYWWMK43      | NSYWWMK44                         | -      | -  |
| -          | NSYAEFPFS3DW120 | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF12100 | NSYSPPF12200               | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | -  |
| -          | NSYAEFPFS3DW120 | NSYSPS4100SD                | NSYSPS4200SD       | NSYSPPF12100 | NSYSPPF12200               | -             | -                               | NSYWWMK43      | NSYWWMK44                         | -      | -  |
| -          | NSYAEFPFS3DW100 | NSYSPS3100SD                | NSYSPS3200SD       | NSYSPPF10100 | NSYSPPF10200               | -             | -                               | NSYWWMK33      | NSYWWMK34                         | -      | -  |

(4) Also available in ventilated version with cable gland for widths of 600 and 800, see page 102.  
 (5) Available in version 1800 mm: ref. NSYCOCNS1800.

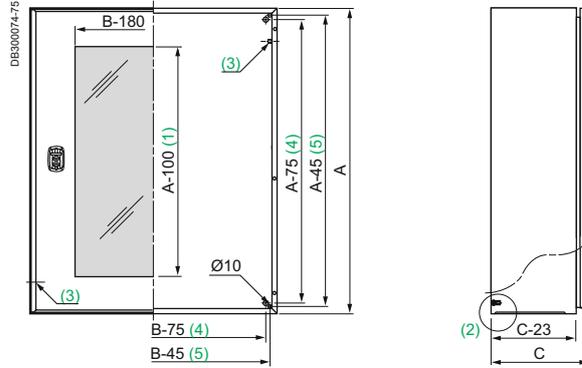
\*\*\* For the double mounting plates, order also ref. NSYSDRSDCR300 (D300) or NSYSDRSDCR400 (D400).  
 \*\*\*\* To install the plinth to a wall-mounting enclosure, order ref. NSYAPFWM.

| Enclosure (mm) |                 | Cable-gland plate |      |     |      |     |     |
|----------------|-----------------|-------------------|------|-----|------|-----|-----|
| Width          | Depth           | Dim. (mm)         | Type | No. | J    | K   | L   |
| 200 - 250      | 150 - 250       | 140 x 80          | A    | 1   | 57   | 115 | 55  |
| 300 - 400      | 150             | 245 x 80          | B    | 1   | 57   | 220 | 55  |
| 300            | 200             | 245 x 130         | C    | 1   | 80   | 220 | 105 |
| 400            | 200 - 250       | 345 x 130         | D    | 1   | 80   | 320 | 105 |
| 500            | 200 - 250       | 445 x 130         | E    | 1   | 80   | 420 | 105 |
| 600            | 200 - 250       | 545 x 130         | F    | 1   | 80   | 520 | 105 |
| 600            | 300 - 400       | 495 x 220         | G    | 1   | 126* | 470 | 195 |
| 800            | 250 - 300 - 400 | 345 x 130         | D    | 2   | 95   | 320 | 105 |
| 1000 - 1200    | 300 - 400       | 445 x 130         | E    | 2   | 95   | 420 | 105 |

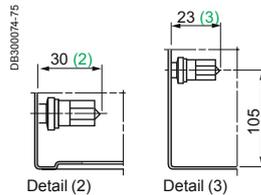
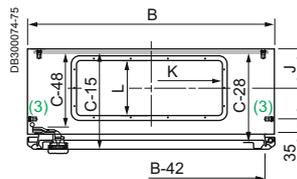
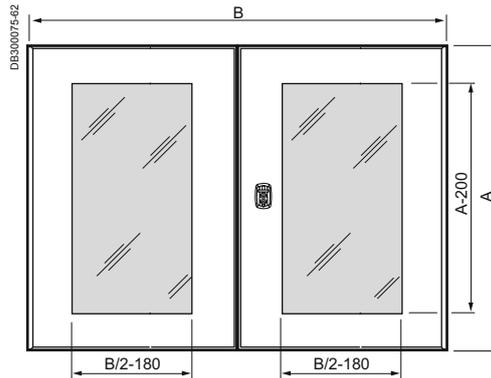
\* Except enclosure 1000 x 600 x 400 mm, J = 140 mm.

A: Enclosure height  
 B: Enclosure width  
 C: Enclosure depth

### 1-door enclosure



### 2-door enclosure



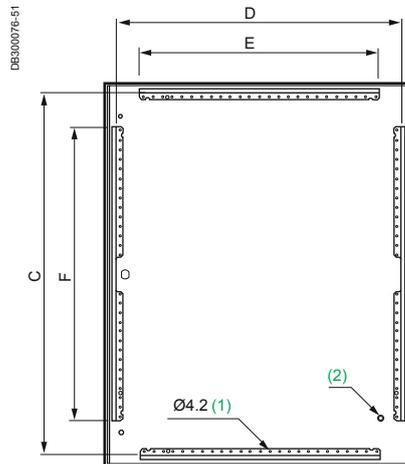
- (1) A-200 from the height of 800 mm.
- (2) 4 or 6 (widths 1000 - 1200 mm) M8 x 25 mm backstuds.
- (3) 2 M6 x 17.5 mm earthing studs.
- (4) Stud centre-to-centre distance.
- (5) Centre-to-centre distance of the holes for direct fixing.

The DXF diagrams can be downloaded from our websites.

### Perforated rails on plain door\*

| Enclosure* (mm) |       | Perforated rails on the door (mm) |     |            |      | Perforated rails on the double door (mm) |     |            |      | Perforated rails on the internal door (mm) |     |            |      |
|-----------------|-------|-----------------------------------|-----|------------|------|--|-----|------------|------|--|-----|------------|------|
| Height          | Width | Vertical                          |     | Horizontal |      | Vertical                                 |     | Horizontal |      | Vertical                                   |     | Horizontal |      |
|                 |       | F                                 | D   | E          | C    | F  | D   | E          | C    | F  | D   | E          | C    |
| 400             | 300   | 320                               | 237 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 400   | 320                               | 337 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 600   | 320                               | 537 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
| 500             | 300   | 370                               | 237 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 400   | 370                               | 337 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 500   | 370                               | 437 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
| 600             | 400   | 370                               | 337 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 500   | 370                               | 437 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 600   | 370                               | 537 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 800   | 370                               | 737 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
| 700             | 500   | 470                               | 437 | -          | -    | -  | -   | -          | -    | -  | -   | -          |      |
| 800             | 600   | 570                               | 537 | -          | -    | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 800   | 570                               | 737 | 620        | 749  | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 1000  | 570                               | 937 | 820        | 749  | 570                                      | 437 | 320        | 749  | 620  | 437 | 320        | 749  |
|                 | 1200  | -                                 | -   | -          | -    | 570                                      | 537 | 420        | 749  | 620  | 537 | 420        | 749  |
| 1000            | 600   | 770                               | 537 | 420        | 949  | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 800   | 770                               | 737 | 620        | 949  | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 1000  | 770                               | 937 | 820        | 949  | 770                                      | 437 | 320        | 949  | 820  | 437 | 320        | 949  |
|                 | 1200  | -                                 | -   | -          | -    | 770                                      | 537 | 420        | 949  | 820  | 537 | 420        | 949  |
| 1200            | 600   | 970                               | 537 | 420        | 1149 | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 800   | 970                               | 737 | 620        | 1149 | -  | -   | -          | -    | -  | -   | -          | -    |
|                 | 1000  | 970                               | 937 | 820        | 1149 | 970                                      | 437 | 320        | 1149 | 1020                                       | 437 | 320        | 1149 |
|                 | 1200  | -                                 | -   | -          | -    | 970                                      | 537 | 420        | 1149 | 1020                                       | 537 | 420        | 1149 |
| 1400            | 1000  | -                                 | -   | -          | -    | 970                                      | 437 | 320        | 1349 | 1020                                       | 437 | 320        | 1349 |

\* The doors of enclosures with dimensions of less than 800 x 600 mm do not have horizontal cable guides.



\* The glazed doors are equipped with a vertical cable guide, on the hinge side.

- (1) Perforations in steps of 25 mm.
- (2) 1 M6 x 17.5 mm earthing stud.



### Download

Download the configuration sheets and DXF diagrams from [www.schneider-electric.com](http://www.schneider-electric.com)  
Send them back to your local Schneider Electric office.  
Take advantage of a shorter delivery time!

PE500294-77



### Composition accessories

#### Fixing



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#### Floor



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#### Coupling



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#### Hoisting



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#### Protection



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#### Handles



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#### Locks



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#### Door accessories



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#### Cable-gland plates



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#### Mounting accessories



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### Cable management

PB502439-65



#### Cable holding

PB500986-40



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#### Cable ducting

PB500959-22



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### Thermal management

#### Heaters

PB502050-29



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#### Ventilation

PB501044-26



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#### Cooling units

PB501125-12



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### Others

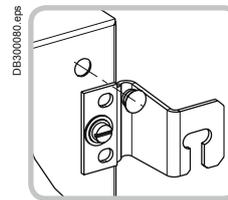
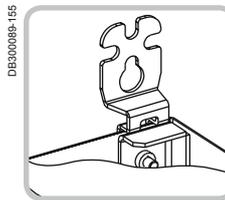
#### Earthing

PB500217-29



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### Fixing



| Characteristics | Wall-fixing lugs  | Kit for heavy loads   | Wall-fixing lugs with wall-enclosure separation   |
|-----------------|---|---|---|
|                 | <p>Set of 4 wall-fixing lugs. Mounted directly on the rear of the enclosure, either in horizontal or vertical position. Two types of position, for a wall-enclosure separation of 10 mm. Do not use for dynamic loads.</p>                              | <p>Kit made up of 2 reinforcement pieces. To be mounted before installing the mounting plate in top position with the standard lugs (to be ordered separately).</p> | <p>Batch of 4 wall-fixing lugs. Separation of 40 mm from the wall at the rear of the enclosure. Need to drill a hole to prevent rotation.</p> |
| Material        | Steel   AISI 304 stainless-steel  | Steel   | Steel   |
| Maximum load    | 150 kg  | 400 kg  | 100 kg  |
| Supply          | Supplied with fixing screws and pre-mounted sealing gaskets   | -   | -   |
| References      | NSYAEFPFSC  | NSYAEFPFXSC   | NSYAEFAHLBSC  |
|                 | <p>DB300087-77</p> <p>Installation from the outside.</p> <p><b>Fixing centre-to-centre distance with lugs (M8 screw)</b></p> <p>A: Enclosure height<br/>B: Enclosure width</p> <p>DB300088-65</p> <p>Vertical position.</p> <p>Horizontal position.</p> | <p>DB300089-80</p>  | NSYAEFPF40SC  |

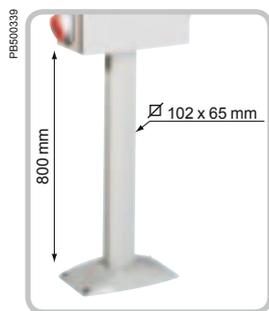
You will find the weights of the Spacial S3D enclosures without mounting plate in the selection guide on page 50.

### Fixing



| Characteristics | Full-width wall fixing lugs                                       | Post-fixing device for Spacial steel enclosure   |            |
|-----------------|---|--|------------|
|                 | Kit made of 2 parts (top and bottom).<br>Screwed from the inside. | For indoor installations on posts with a maximum circumference of 675 mm (minimum diameter 150 mm and maximum diameter 215 mm).<br>Rail fixed to the inserts in the rear of the enclosure with 8-mm screws.<br>They allow the mounting of protection canopies. |            |
| Material        | Passivated zinc-coated steel                                      | Galvanised steel   |            |
| Maximum load    | 350 kg  | 100 kg   |            |
| Width (mm)      | References  | A (mm)   | References |
| 200             | NSYAEFPFS3DW20  | -  | -          |
| 300             | NSYAEFPFS3DW30  | 295  | NSYSFPSC30 |
| 400             | NSYAEFPFS3DW40  | 395  | NSYSFPSC40 |
| 500             | NSYAEFPFS3DW50  | 495  | NSYSFPSC50 |
| 600             | NSYAEFPFS3DW60  | 595  | NSYSFPSC60 |
| 800             | NSYAEFPFS3DW80  | 795  | NSYSFPSC80 |
| 1000            | NSYAEFPFS3DW100   | -  | -          |
| 1200            | NSYAEFPFS3DW120   | -  | -          |
|                 | <p>A: Width of enclosure</p>                                      | <br>   |            |

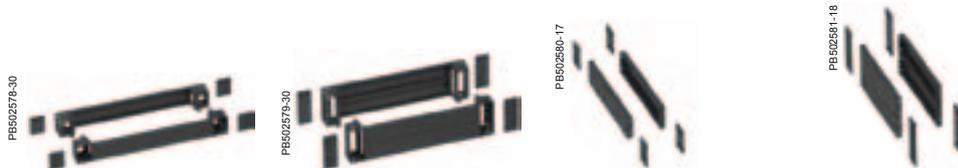
## Fixing



| Characteristics    | Support pillar   | Support bracket for enclosure with anti-tilt kit and reinforcement   | Floor Stand Kit for wall-mounting enclosure   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
|--------------------|--|--|---|------------|-------|-------|--|---------|-----|----------------------|-----|-----|---------------------|-----|---------|---------------------|--|--|
|                    | The support pillar is fixed directly to the bottom face of the Spacial steel enclosure by means of an adapter plate. The latter, to be ordered in addition to the pillar, replaces the cable-gland plate. Overall height of the support foot: 800 mm. Mounting possible on all enclosures with dimensions up to 600 x 400 x 250 mm (except 200 x 200 x 150 and 250 x 200 x 150 enclosures).            | The support bracket for Spacial S3D and Spacial CRN steel enclosures is used when the enclosure cannot be hung from a wall or a post. Suitable for outdoor use. Compatible with other enclosure ranges: <ul style="list-style-type: none"> <li>■ S3X (stainless-steel),</li> <li>■ S3HF (EMC),</li> <li>■ Thalassa (polyester).</li> </ul> Maximum enclosure dimensions: 1000 x 800 x 300 mm. Floor attachment by standard M12 fastenings. | Set of 2 feet, elevating wall-mounting enclosures. Cut-outs needed on enclosure – drilling template provided with the kit.  |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| Material           | Extruded aluminium   | Steel  | Steel   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| Finish             | Polyester powder   | Painted  | Polyester powder  |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| Colour             | RAL 7035 grey  | RAL 7035 grey  | RAL 7035 grey   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| Thickness          | -  | -  | <ul style="list-style-type: none"> <li>■ Sides: 2.5 mm</li> <li>■ Base: 3 mm</li> </ul>   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| Maximum load       | -  | 120 kg   | 250 kg  |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| Supply             | -  | -  | 2 platform feet (right and left) and fixing elements  |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| Height (mm)        | Reference  | References   | Enclosure depth   Foot height   References  |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
|                    |  |  | mm   Inches   mm   Inches   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| 800                | <b>NSYCOCN80</b>   | -  | -   -   -   -   -   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| 1400               | -  | <b>NSYCOCN1400</b>   | -   -   -   -   -   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| 1800               | -  | <b>NSYCOCN1800</b>   | -   -   -   -   -   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| -                  | -  | -  | 300*   12   300   12   <b>NSYWWMK33</b>   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| -                  | -  | -  | 400**   16   300   12   <b>NSYWWMK43</b>  |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| -                  | -  | -  | 300*   12   450   18   <b>NSYWWMK34</b>   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| -                  | -  | -  | 400**   16   450   18   <b>NSYWWMK44</b>  |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
|                    |  |  | <p>* When enclosures are equipped with a cable gland plate, it only fits with enclosures of width 800, 1000 &amp; 1200 mm, except model H 600 x W 800 x D 300 mm.</p> <p>** When enclosures are equipped with a cable gland plate, it does not fit with enclosures of width 600 mm.</p> <p>Compatible with Spacial S3D, S3DC &amp; CRNG enclosures.</p> |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
|                    | <b>Support pillar adaptation plate</b><br><br><b>Description:</b> plate for fixing the support pillar on the enclosure. This plate replaces the cable-gland plate delivered with the enclosure.<br><b>Material:</b> steel<br><b>Finish:</b> polyester powder<br><b>Colour:</b> RAL 7035 grey   |  |   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
|                    | <table border="1"> <thead> <tr> <th colspan="2">For enclosure (mm)</th> <th>References</th> </tr> <tr> <th>Width</th> <th>Depth</th> <th></th> </tr> </thead> <tbody> <tr> <td>300-400</td> <td>150</td> <td><b>NSYAEFP315S3D</b></td> </tr> <tr> <td>300</td> <td>200</td> <td><b>NSYAEFP32S3D</b></td> </tr> <tr> <td>400</td> <td>200-250</td> <td><b>NSYAEFP42S3D</b></td> </tr> </tbody> </table> | For enclosure (mm)   |   | References | Width | Depth |  | 300-400 | 150 | <b>NSYAEFP315S3D</b> | 300 | 200 | <b>NSYAEFP32S3D</b> | 400 | 200-250 | <b>NSYAEFP42S3D</b> |  |  |
| For enclosure (mm) |  | References   |   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| Width              | Depth  |  |   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| 300-400            | 150  | <b>NSYAEFP315S3D</b>   |   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| 300                | 200  | <b>NSYAEFP32S3D</b>  |   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |
| 400                | 200-250  | <b>NSYAEFP42S3D</b>  |   |            |       |       |  |         |     |                      |     |     |                     |     |         |                     |  |  |

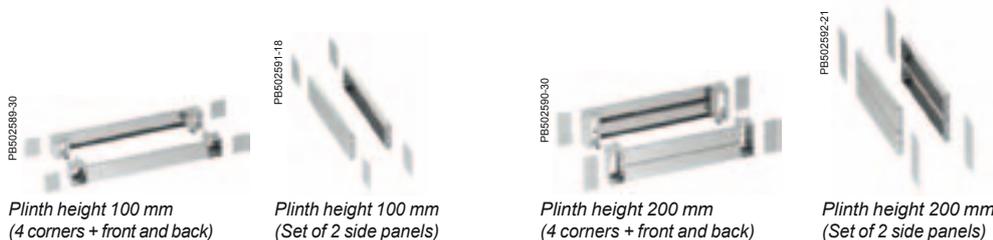
### Floor

For more information, see page 98.



| Characteristics              | Front and rear plinth  | Plinth side panels   |
|------------------------------|--|--|
|                              | The front and rear of the plinth consists of 4 corners with 2 or 4 panels.   | They are fixed to the corner of the plinth by 2 fixing screws.   |
| Material                     | Folded sheet steel, corner with a thickness of 2.5 mm  | Folded sheet steel   |
| Finish                       | Painted with epoxy-polyester resin   | Painted with epoxy-polyester resin   |
| Colour                       | RAL 7022 grey  | RAL 7022 grey  |
| Ingress protection rating    | IP30   | IP30   |
| Mechanical protection rating | IK10   | IK10   |
| Installation                 | It is necessary to order separately the plinth fixing kit (ref. <b>NSYAPFWM</b> ) composed by fixing hardware and drilling jig   |  |
| Supply                       | <ul style="list-style-type: none"> <li>■ Height 100 mm: 4 corners, 2 panels (front and rear), 4 corner covers and fixing elements</li> <li>■ Height 200 mm: 4 corners, 4 panels (2 front and 2 rear), 4 corner covers and fixing elements</li> </ul> | <ul style="list-style-type: none"> <li>■ Height 100 mm: 2 side panels, 4 corner covers and fixing elements</li> <li>■ Height 200 mm: 4 side panels (height of 100 mm, 2 for each side), 4 corner covers and fixing elements</li> </ul> |

| References |            |              |              |              |              |
|------------|------------|--------------|--------------|--------------|--------------|
| Width (mm) | Depth (mm) | 100 mm       | 200 mm       | 100 mm       | 200 mm       |
| 600        | -          | NSYSPPF6100  | NSYSPPF6200  | -            | -            |
| 800        | -          | NSYSPPF8100  | NSYSPPF8200  | -            | -            |
| 1000       | -          | NSYSPPF10100 | NSYSPPF10200 | -            | -            |
| 1200       | -          | NSYSPPF12100 | NSYSPPF12200 | -            | -            |
| -          | 300        | -            | -            | NSYSPS3100SD | NSYSPS3200SD |
| -          | 400        | -            | -            | NSYSPS4100SD | NSYSPS4200SD |



Plinth height 100 mm  
(4 corners + front and back)

Plinth height 100 mm  
(Set of 2 side panels)

Plinth height 200 mm  
(4 corners + front and back)

Plinth height 200 mm  
(Set of 2 side panels)

| Characteristics          |           | Stainless-steel plinths  |                                  |                      |                                  |                            |                                  |                      |                                  |                           |
|--------------------------|-----------|--|----------------------------------|----------------------|----------------------------------|----------------------------|----------------------------------|----------------------|----------------------------------|---------------------------|
| Material                 |           | Stainless-steel, AISI 304L   |                                  |                      |                                  | Stainless-steel, AISI 316L |                                  |                      |                                  |                           |
| Finish                   |           | Scotch-Brite® brushing, to 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. <b>NSYAPFXWM</b> ) composed by fixing hardware and drilling jig    |                                  |                      |                                  |                            |                                  |                      |                                  |                           |
| External dimensions (mm) |           |  | Plinth height 100 mm             |                      | Plinth height 200 mm             |                            | Plinth height 100 mm             |                      | Plinth height 200 mm             |                           |
| Height (A)               | Width (B) | Depth (C)  | Kit (4 corners + front and back) | Set of 2 side panels | Kit (4 corners + front and back) | Set of 2 side panels (x2)  | Kit (4 corners + front and back) | Set of 2 side panels | Kit (4 corners + front and back) | Set of 2 side panels (x2) |
| 800                      | 800       | 300  | NSYSPPFX8100                     | NSYSPSX3100          | NSYSPPFX8200                     | NSYSPSX3200                | NSYSPPFX8100H                    | NSYSPSX3100H         | NSYSPPFX8200H                    | NSYSPSX3200H              |
| 1000                     | 800       | 300  | NSYSPPFX8100                     | NSYSPSX3100          | NSYSPPFX8200                     | NSYSPSX3200                | NSYSPPFX8100H                    | NSYSPSX3100H         | NSYSPPFX8200H                    | NSYSPSX3200H              |
|                          | 1000      | 300  | NSYSPPFX10100                    | NSYSPSX3100          | NSYSPPFX10200                    | NSYSPSX3200                | NSYSPPFX10100H                   | NSYSPSX3100H         | NSYSPPFX10200H                   | NSYSPSX3200H              |
| 1200                     | 800       | 300  | NSYSPPFX8100                     | NSYSPSX3100          | NSYSPPFX8200                     | NSYSPSX3200                | NSYSPPFX8100H                    | NSYSPSX3100H         | NSYSPPFX8200H                    | NSYSPSX3200H              |
|                          | 1000      | 300  | NSYSPPFX10100                    | NSYSPSX3100          | NSYSPPFX10200                    | NSYSPSX3200                | NSYSPPFX10100H                   | NSYSPSX3100H         | NSYSPPFX10200H                   | NSYSPSX3200H              |

## Coupling

PB500335-42



Installation example.

PB500336-34



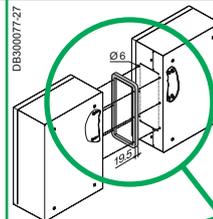
Version without cable entry.

PB500337-26



Version with cable entry.

| Characteristics              | Coupling of Spacial steel enclosures  |
|------------------------------|---|
|                              | Available in 2 versions: <ul style="list-style-type: none"> <li>■ Coupling version without cable entry.</li> <li>■ Version with coupling frame allowing the entry of cables.</li> <li>■ Separation of 17 mm between 2 coupled enclosures, allowing full opening of the doors.</li> </ul> Allows lateral coupling of 2 enclosures.<br>These frames allow the door to open to 120°. |
| Material                     | Polyester charged with fibreglass, self-extinguishing   |
| Ingress protection rating    | IP66  |
| Supply                       | <ul style="list-style-type: none"> <li>■ Kit made up of 4 spacers and their fixings</li> <li>■ Mounting by screws, included</li> </ul>  |
| References                   |   |
| Batch of 4 coupling spacers  | <b>NSYAEUBUSC</b>   |
| Coupling frame, 435 x 185 mm | <b>NSYAEUBU41SC</b>   |
| Coupling frame, 635 x 185 mm | <b>NSYAEUBU61SC</b>   |

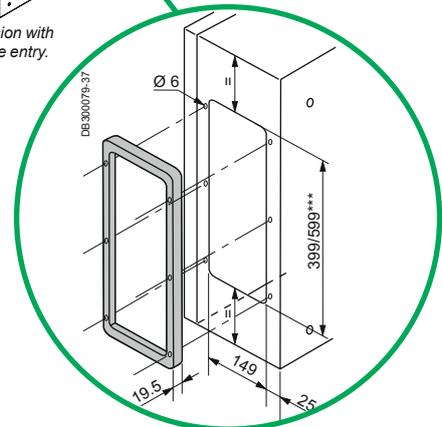


DB300076-27



Version without cable entry.

Version with cable entry.



### Hoisting

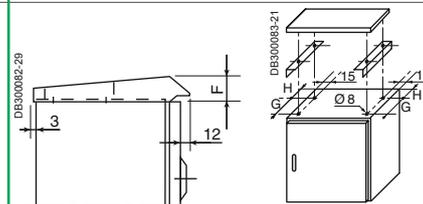


| Characteristics        |  | Eyebolts   |  |
|------------------------|--|--|--|
|                        |  | Set of two M8 eyebolts. They are fixed directly to the body of the floor-standing enclosure. Cannot be installed with the canopy in place. |  |
| Material               |  | Zinc-coated moulded steel  |  |
| Maximum load           |  | 210 kg per enclosure when slinging at 60°  |  |
| Supply                 |  | Reinforcing brackets attached to the rings (these brackets also act as a drilling template)  |  |
| Reference              |  |  |  |
| Batch of 2 M8 eyebolts |  | <b>NSYAELYTCRG8</b>  |  |
|                        |  |  |  |

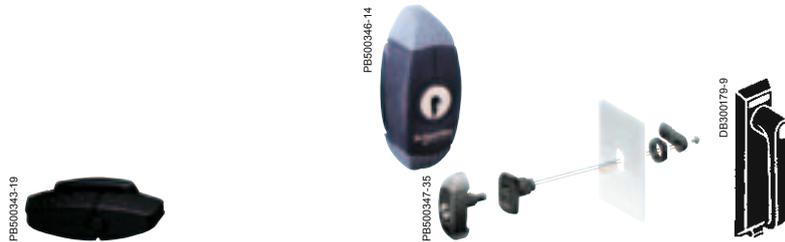
### Protection



| Characteristics |            | Protection canopy  |        |        |                   |
|-----------------|------------|--|--------|--------|-------------------|
|                 |            | Direct fixing to the body of the enclosure by 4 M6 screws. To be used for all outdoor installations. |        |        |                   |
| Material        |            | Sheet steel  |        |        |                   |
| Finish          |            | Painted galvanised steel, structured finish  |        |        |                   |
| Colour          |            | RAL 7035 grey  |        |        |                   |
| Supply          |            | Delivered with the fixings required for installation   |        |        |                   |
| Depth (mm)      | Width (mm) | F (mm)   | G (mm) | H (mm) | References        |
| 150             | 200        | 36   | 75     | 23     | <b>NSYTJ2015</b>  |
|                 | 250        | 36   | 75     | 23     | <b>NSYTJ2515</b>  |
|                 | 300        | 36   | 75     | 23     | <b>NSYTJ3015</b>  |
|                 | 400        | 36   | 75     | 23     | <b>NSYTJ4015</b>  |
|                 | 500        | 36   | 75     | 23     | <b>NSYTJ5015</b>  |
| 200             | 500        | 36   | 130    | 23     | <b>NSYTJ5020</b>  |
|                 | 600        | 36   | 130    | 23     | <b>NSYTJ6020</b>  |
|                 | 250        | 36   | 130    | 23     | <b>NSYTJ2520</b>  |
|                 | 300        | 36   | 130    | 23     | <b>NSYTJ3020</b>  |
|                 | 400        | 36   | 130    | 23     | <b>NSYTJ4020</b>  |
| 250             | 800        | 36   | 130    | 23     | <b>NSYTJ8020</b>  |
|                 | 400        | 42   | 150    | 48     | <b>NSYTJ4025</b>  |
|                 | 500        | 42   | 150    | 48     | <b>NSYTJ5025</b>  |
| 300             | 600        | 42   | 150    | 48     | <b>NSYTJ6025</b>  |
|                 | 800        | 42   | 150    | 48     | <b>NSYTJ8025</b>  |
|                 | 600        | 42   | 200    | 48     | <b>NSYTJ6030</b>  |
|                 | 800        | 42   | 200    | 48     | <b>NSYTJ8030</b>  |
| 400             | 1000       | 42   | 200    | 48     | <b>NSYTJ10030</b> |
|                 | 1200       | 42   | 200    | 48     | <b>NSYTJ12030</b> |
|                 | 600        | 42   | 300    | 48     | <b>NSYTJ6040</b>  |
|                 | 800        | 42   | 300    | 48     | <b>NSYTJ8040</b>  |
|                 | 1000       | 42   | 300    | 48     | <b>NSYTJ10040</b> |
|                 | 1200       | 42   | 300    | 48     | <b>NSYTJ12040</b> |

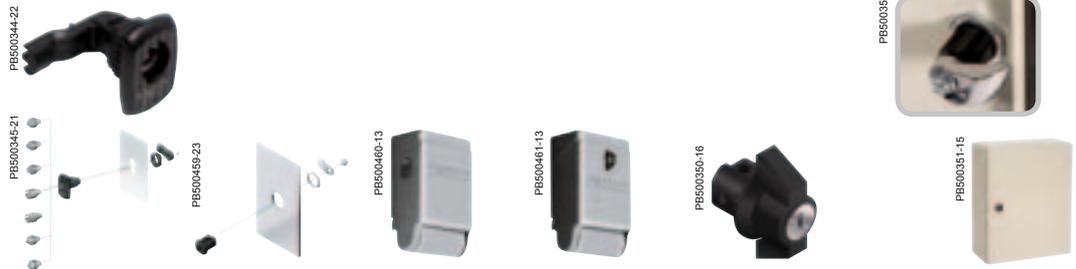


## Handles



| Characteristics   | Standard handle  | Standard handles with keys  | Handle lock operated using screwdriver insert |
|-------------------|--|---|---|
|                   | <p>Operating handle delivered with the enclosure.</p> <ul style="list-style-type: none"> <li>■ It can be attached to the locking system by means of a fixing element.</li> <li>■ It can also be used to loosen the caps protecting the studs when painting.</li> </ul> | <p>Attractive and ergonomic bi-material handle.</p> <ul style="list-style-type: none"> <li>■ Large range of barrels covering all the most common needs.</li> <li>■ Standard cam (see diagram above).</li> <li>■ The installation of the standard handle does not require the escutcheon to be removed.</li> </ul> | -   |
| Supply            | -  | Delivered with 2 keys   | -   |
| <b>References</b> |  |   |   |
| -                 | -  | -   | NSYTSMLS3D                                    |
| 1242              | -  | NSYAEDL1242S3D  | -   |
| 405               | -  | NSYAEDL405S3D   | -   |
| 421               | -  | NSYAEDL421S3D   | -   |
| 455               | -  | NSYAEDL455S3D   | -   |
| 2331A             | -  | NSYAEDL2331S3D  | -   |
| 2433A             | -  | NSYAEDL2433S3D  | -   |
| 3113A             | -  | NSYAEDL3113S3D  | -   |
| 3524E             | -  | NSYAEDL3524S3D  | -   |

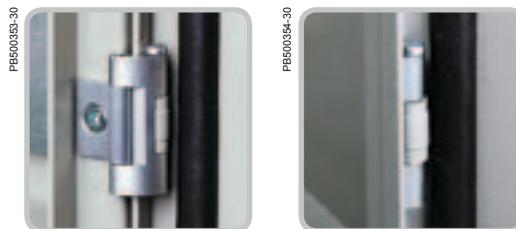
## Locks



| Characteristics              | Standard locks  | Other lock with screwdriver insert and metal latch | Double lock                                 | Other locks with keys                       | "Push-close" locking system  |
|------------------------------|---|--|---|---|--|
|                              | <p>Spacial S3D wall-mounting enclosures are supplied with a 3 mm double-bar lock as standard.</p> <ul style="list-style-type: none"> <li>■ Spare lock: order ref. <b>NSYAEDLS3DRL</b> (escutcheon + cam + washer).</li> <li>■ Large range of standardised inserts covering all the most common needs.</li> <li>■ Installation and removal with a single screw.</li> </ul> | -  | Easy mounting instead of the standard lock. | Easy mounting instead of the standard lock. | <p>The Spacial S3D enclosures can be transformed into push-close enclosures.</p> <ul style="list-style-type: none"> <li>■ The push-close enclosure is used in various applications and fully meets the security demands of the market.</li> <li>■ Locking system with a 6.5-mm push-close system in accordance with CNOMO standards.</li> <li>■ This system allows the door to be closed and locked by simply pushing it.</li> <li>■ System made up of a lock and a closure plate.</li> <li>■ It is only installed on enclosures with 1 locking point (H &lt; 600 mm).</li> <li>■ Other dimensions: contact us.</li> </ul> |
| Material                     | -   | -  | Zamack                                      | -   | -  |
| Mechanical protection rating | -   | -  | -   | -   | IP55   |
| Supply                       | Delivered with 1 plastic key  | -  | Delivered with 3 mm double-bar metal key    | Metal cam supplied                          | -  |
| References                   |   |  |   |   |  |
|                              |   |  | DIN half-cylinder (1)                       | Padlockable (2)                             |  |
| -                            | -   | NSYAEDLSDS3D                                       | NSYAEDLDINS3D                               | NSYAEDLPADS3D                               | NSYAEDLPSS3D   |
| 6 mm square                  | NSYAEDLS6S3D  | -  | -   | -   | -  |
| 7 mm square                  | NSYAEDLS7S3D  | -  | -   | -   | -  |
| 8 mm square                  | NSYAEDLS8S3D  | -  | -   | -   | -  |
| 3 mm double bar              | NSYAEDLB3S3D  | -  | -   | -   | -  |
| 5 mm double bar              | NSYAEDLB5S3D  | -  | -   | -   | -  |
| CNOMO 6.5 mm triangular      | NSYAEDLT6S3D  | -  | -   | -   | -  |
| 8 mm triangular              | NSYAEDLT8S3D  | -  | -   | -   | -  |
| EDF 900                      | -   | -  | -   | -   | NSYAEDLEDF9S3D   |
| EDF 1300                     | -   | -  | -   | -   | NSYAEDLEDF13S3D  |
| EDF 1400                     | -   | -  | -   | -   | NSYAEDLEDF14S3D  |
|                              |   |  | DB3000095-38                                |   |  |

(1) Delivered without barrel. Please consult us.  
(2) Diameter 8 mm.

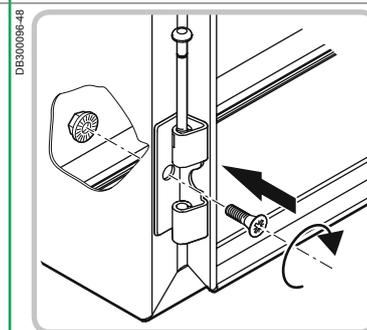
## Door accessories



180° hinge.

120° hinge.

| Characteristics              | Door hinges  |
|------------------------------|--|
| Material                     | Captive pin, indexed by a spring.<br>Zamack body for ref. <b>NSYAEDH180S3D</b> , treated sheet-steel body for ref. <b>NSYAEDH120S3D</b> , aluminium pin  |
| Maximum load                 | <ul style="list-style-type: none"> <li>■ For the 180° hinge, the maximum admissible load on the door is 20 kg/m<sup>2</sup></li> <li>■ For the 120° hinge, the maximum admissible load on the door is 50 kg/m<sup>2</sup></li> </ul> |
| Supply                       | Batch of 1 hinge, delivered with fixings   |
| <b>Models</b>                | <b>References</b>  |
| 180° hinge for S3D enclosure | <b>NSYAEDH180S3D</b>   |
| Standard 120° hinge for S3D  | <b>NSYAEDH120S3D</b>   |



### Door accessories



| Characteristics | Internal door  |
|-----------------|--|
|                 | <ul style="list-style-type: none"> <li>■ Locking with 3-mm double-bar lock.</li> <li>■ The internal door can be installed directly on the front face of the enclosure or on the step slides (not supplied as standard).</li> <li>■ To mount an inner door and a mounting plate at the same time on the step slides is possible as standard.</li> <li>■ Incompatible with the installation of the door stop and door switch. For further details, please consult us.</li> </ul> |
| Material        | Sheet-steel  |
| Colour          | RAL 7035 grey  |
| Maximum load    | 30 kg/m <sup>2</sup>   |
| Dimensions (mm) | References   |
| H 400 x W 300   | <b>NSYPIN43</b>  |
| H 500 x W 400   | <b>NSYPIN54</b>  |
| H 600 x W 400   | <b>NSYPIN64</b>  |
| H 700 x W 500   | <b>NSYPIN75</b>  |
| H 800 x W 600   | <b>NSYPIN86*</b>   |
| H 1000 x W 600  | <b>NSYPIN106*</b>  |
| H 1000 x W 800  | <b>NSYPIN108*</b>  |
| H 1200 x W 600  | <b>NSYPIN126</b>   |
| H 1200 x W 800  | <b>NSYPIN128*</b>  |
|                 | <p><i>Installation on the front of the enclosure (A) or installation on step slides (B).</i></p>   |

\* Equipped with welded vertical profiles in order to facilitate cable management.  
 (1) Dimension resulting from installation on step slides: B-83 mm.  
 Dimension resulting from direct installation (without step slides): B-91 mm.

### Cable-gland plates

PB500324-35

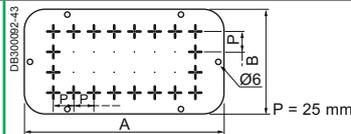


PB500326-37



| Characteristics           | Standard cable-gland plate   | Aluminium cable-gland plate                                |
|---------------------------|--|--|
|                           | Plate delivered as standard with the Spacial S3D universal enclosure. Surface with markings in steps of 25 mm, to facilitate drilling. | Suitable for non-magnetic applications.                    |
| Material                  | Steel  | Brushed-finish aluminium                                   |
| Thickness                 | 1.5 mm   | 3 mm   |
| Ingress protection rating | -  | -  |
| Certifications            | -  | -  |
| Fixing                    | Fixing by 4, 6, 8, 10 or 12 screws, according to the model   | Fixing by 4, 6, 8, 10 or 12 screws, according to the model |
| Other characteristics     | -  | -  |
| Supply                    | -  | -  |

| For wall-mounting enclosures (mm) |             | Type | Plate dimensions (mm) |           | References       |                 |            |                  |             |
|-----------------------------------|-------------|------|-----------------------|-----------|------------------|-----------------|------------|------------------|-------------|
| Width                             | Depth       |      | Width (A)             | Depth (B) | No. of Ø 6 holes | No. of markings |            | No. of Ø 6 holes |             |
| 200-250                           | 150         | A    | 140                   | 80        | 4                | 8               | NSYTLA     | 4                | NSYTLAU     |
| 300-400                           | 150         | B    | 245                   | 80        | 4                | 16              | NSYTLB     | 4                | NSYTLBU     |
| 300                               | 200         | C    | 245                   | 130       | 6                | 32              | NSYTLC     | 6                | NSYTLCU     |
| 400                               | 200-250     | D    | 345                   | 130       | 8                | 48              | NSYTLD     | 8                | NSYTLDU     |
| 500                               | 200-250     | E    | 445                   | 130       | 9                | 64              | NSYTLE     | 9                | NSYTLEU     |
| 600                               | 200-250     | F    | 545                   | 130       | 10               | 80              | NSYTLF     | 10               | NSYTLFU     |
|                                   | 300-400     | G    | 495                   | 220       | 12               | 126             | NSYTLG     | 12               | NSYTLGU     |
| 800                               | 250-300-400 | D*   | 345                   | 130       | -                | -               | 2 x NSYTLD | -                | 2 x NSYTLDU |
| 1000-1200                         | 300-400     | E*   | 445                   | 130       | -                | -               | 2 x NSYTLE | -                | 2 x NSYTLEU |



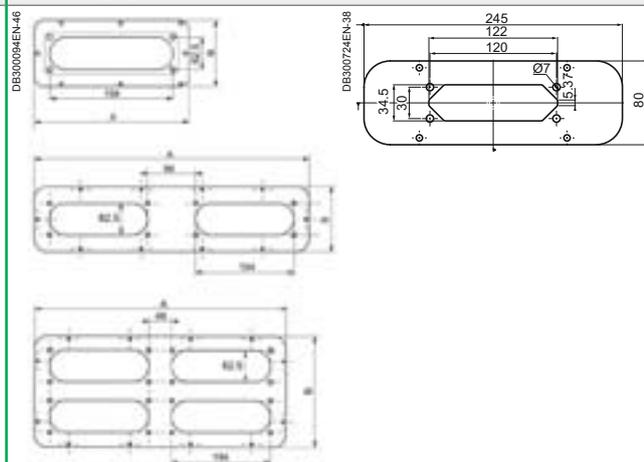
\* Enclosure with 2 cable-gland plates.

## Cable-gland plates



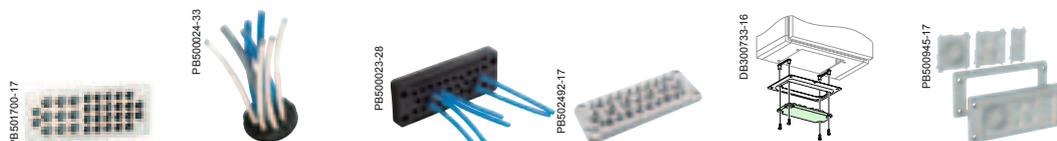
| Cable-gland plates with FL type cut-out for cable-gland membranes  | FlexiCable cable entries   |
|--|--|
| Mounting instead of the Spacial S3D plate.<br>Cut-outs for installation of membranes type FL 21 (1), page 273. | FlexiCable is an innovative cable-gland plate for simple and fast cable entrance. There is no need to drill holes: the creation of the cable entrances takes a few seconds.<br><ul style="list-style-type: none"> <li>■ <b>Installation possibilities:</b> replaces cable-gland plate (S3D or CRN-G) or directly on enclosure.</li> <li>■ <b>Cable diameter:</b> up to 26 mm.</li> </ul> |
| Steel, structured finish RAL 7035  | -  |
| -  | -  |
| -  | IP55   |
| Fixing by 4, 6, 8, 10 or 12 screws, according to the model   | <ul style="list-style-type: none"> <li>■ Fire resistant 650°C following IEC 60695-2-11</li> <li>■ Tested on short-circuit effect 250 A, 25 kA following IEC 61439-1</li> </ul>   |
| -  | Exists in 5 sizes matching 46 sizes (132 models) of Spacial S3D steel wall-mounting enclosures   |
| -  | <ul style="list-style-type: none"> <li>■ 1 metallic frame with pre-mounted membrane</li> <li>■ 1 gasket</li> <li>■ Hardware</li> </ul>   |

|               | Effective cable entrance dimensions (mm) |               |
|---------------|--|---------------|
| NSYTLAFL (4)  | -  | -             |
| NSYTLBFL (3)  | -  | -             |
| NSYTLCFL      | 178 x 63                                 | NSYTLCME      |
| NSYTLDFL      | 278 x 63                                 | NSYTLDME      |
| NSYTLFL       | 378 x 63                                 | NSYTFLEME     |
| NSYTLFFL      | 478 x 63                                 | NSYTLFME      |
| NSYTLF2FL (2) |  |               |
| NSYTLGFL      | 428 x 153                                | NSYTLGME      |
| NSYTLG2FL     |  |               |
| NSYTLG4FL (2) |  |               |
| 2 x NSYTLDFL  | -  | 2 x NSYTLDME  |
| 2 x NSYTLFL   | -  | 2 x NSYTFLEME |



(1) Cut-out FL13 for depth 150 mm; and cut-out FL21 for other depths.  
 (2) With 2 FL21 cut-outs: ref. NSYTLG2FL; with 4 FL21 cut-outs: ref. NSYTLG4FL.  
 (3) NSYTLBFL with FL13 cut-out.  
 (4) TLAFL cannot be mounted on enclosure width 200 and depth 150.

## Cable entries overview



| Characteristics                                     | Multi-A   | Multi-C   | Multi-R  | Multi-T  | Prisma   | Multi-F  |
|---|---|---|--|--|--|--|
|   | FL13 & FL21 type membranes.   | Circular connector-free entries.  | Rectangular connector-free entries.  | FL21-type membranes.   | FL21 or rectangular.   | FL13 & FL21 pre-configured flanges.  |
| Cable entry material                                | Combined  | Soft membrane cable entries   |  |  |  |  |
| Cable glands to be fitted                           | Optional: specific cable clamp ref. <b>NSYAECPLACA●●</b> to be used                 | No  | No   | No   | No   | No   |
| Installation possibilities                          | On cable gland plate adapter or directly on enclosure                               | On modified cable gland plate or directly on enclosure                                    | On cable gland plate with special cut-out or directly on enclosure   | On cable gland plate adapter or directly on enclosure                                | On cable gland plate adapter or directly on enclosure  | On cable gland plate adapter or directly on enclosure                                    |
| Flexibility of the installation                     | Medium  | Medium  | Medium   | Medium   | Medium   | Medium   |
| Reversibility                                       | Medium  | Full  | Full   | Medium   | Medium   | Medium   |
| Ingress protection rating                           | IP65  | IP65  | IP65   | IP65   | IP55   | IP65   |
| Cable retention                                     | High with cable clamp, (upto 18 daN)  | Medium  | Medium   | Low  | Low  | Low  |
| Cable diameter (mm)                                 | From 13 to 30   | From 3 to 15.9  | From 4.3 to 15.9   | From 6 to 60   | From 7 to 72   | From 16 to 50  |
| Cable Installation time                             | Medium  | Fast  | Fast   | Fast   | Fast   | Fast   |
| Quantity of cables to be fitted for a given surface | ++  | ++  | ++   | ++   | ++   | ++   |
| Cable entries for cables with connectors            | No  | No  | No   | No   | No   | No   |
| Cut-out dimensions (mm)                             | FL13 and FL21   | Ø 50.5<br>Ø 63.5  | 112 x 36   | FL21   | FL21   | From 134 x 52 to 214 x 90  |
| External dimensions (mm)                            | 216 x 84  | Ø 58 to 71  | 146 x 14 x 58  | 216 x 84   | 216 x 84   | From 134 x 52 to 214 x 90  |
| Certificates  | -   | UL94-V0   | UL94-V0  | UL94-V0  | -  | UL94-HB  |
| Flame resistance                                    | 750°C   | 650°C   | 650°C  | 650°C  | -  | -  |
| <b>References*</b>                                  | <b>NSYAECPLA7</b><br><b>NSYAECPLA10</b><br><b>NSYAECPLA25</b><br><b>NSYAECPLA33</b> | <b>NSYTSAM504SE</b><br><b>NSYTSAM508SE</b><br><b>NSYTSAM638SE</b><br><b>NSYTSAM6313SE</b> | <b>NSY TSA2414SE</b><br><b>NSY TSA2417SE</b><br><b>NSY TSA2422SE</b><br><b>NSY TSA2423SE</b><br><b>NSY TSA2429SE</b> | <b>NSYAECPLBP**</b><br><b>NSYAECPLT7</b><br><b>NSYAECPLT25</b><br><b>NSYAECPLT35</b> | <b>08881</b><br><b>08892</b><br><b>08895</b><br><b>08897</b><br><b>08898</b><br><b>08899</b> | <b>NSYAECPKFL11</b><br><b>NSYAECPKFL7A</b><br><b>NSYAECPKFL7B</b><br><b>NSYAECPKFL10</b> |

\* For details, type the reference in the search engine of [www.schneider-electric.com](http://www.schneider-electric.com).

\*\* Metallic plate.

## Cable entries overview



| Multi-CR  | Multi-H   | Simple-1   | Simple-2   | Simple-3   | Simple-4  | Simple-5   |
|---|---|--|--|--|---|--|
| Cable entries with dies for cables equipped with connectors.  | FL21 insulated flange with ISO knockouts.             | Mixed membrane entries for enclosure thickness 2 - 3.2 mm.               | PVC adjustable cone-shaped entries for enclosure thickness 3 - 3.2 mm. | Quick cable entries for enclosure thickness 1 - 4 mm.                            | PVC adjustable cone-shaped entries for PG tubes or for enclosure thickness 1.2 to 1.5 mm. | ISO cable gland.   |
| Hard plastic  |   | Soft membrane  |  | Combined   |   |  |
| Yes, cable die<br><b>NSYDCE●●●●</b> and<br><b>NSYDCE●●●●</b>  | Yes   | Not applicable   |  |  |   |  |
| On cable gland plate adapter or directly on enclosure   | On cable gland plate adapter or directly on enclosure | On cable gland plate or directly on enclosure                            |  |  |   |  |
| Low   | Low   | Low  |  |  |   |  |
| Medium  | Medium  | Medium   |  |  |   |  |
| IP54  | IP65  | IP55   | IP55   | IP67   | IP55  | IP68   |
| High (with fastener)  | High (with cable clamp)                               | Low  | Low  | Medium   | Low   | High   |
| From 3 to 31  | From 12 to 25   | From 20 to 40  | From 18 to 87  | From 12 to 50  | From 16 to 44   | From 12 to 40  |
| Slow  | Slow  | Fast   | Fast   | Fast   | Fast  | Slow   |
| ++  | ++  | +  | +  | +  | +   | +  |
| Yes   | No  | No   | No   | No   | No  | No   |
| 36 x 112  | FL21  | Various circular hole diameters according to cable diameter              |  |  |   |  |
| 146 x 58  | 215 x 85  | -  | From Ø 25 to 98  | -  | From Ø 25 to 52   | From Ø 15 to 46  |
| -   | UL94-V1   | -  | -  | -  | -   | -  |
| 650°C   | 750°C   | 750°C  | -  | 750°C  | -   | 750°C  |
| NSYCEJD<br>NSYCEJD3<br>NSYCEJD5<br>NSYCEJD7<br>NSYCEJD9<br>NSYCEJD11<br>NSYCEJD13<br>NSYCEJD16<br>NSYCEJD18<br>NSYCEJD20<br>NSYCEJD22<br>NSYCEJD24<br>NSYCEJD26<br>NSYCEJD28<br>NSYCEJD30 | NSYTSKFL  | ISM71071<br>ISM71072<br>ISM71073<br>ISM71074<br><br>IMT36172<br>IMT36173 | NSYECPC3<br>NSYECPC5<br>NSYECPC6<br>NSYECPC9<br>NSYECPC15              | IMT36179<br>IMT36180<br>IMT36181<br>IMT36182<br>IMT36183<br>IMT36184<br>IMT36185 | NSYEC1<br>NSYEC2<br>NSYEC3<br>NSYEC4<br>NSYEC5<br>NSYEC6<br>NSYEC7                        | ISM71501<br>ISM71502<br>ISM71503<br>ISM71504<br>ISM71505<br>ISM71506 |

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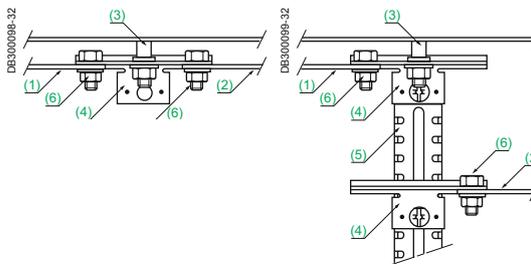


- (1) Left mounting plate.
- (2) Right mounting plate.
- (3) Central backstud.
- (4) Bracket ref. **NSYCRNGSDR** with 2 M8 x 20 mm screws.
- (5) Step slide ref. **NSYSDRSDCR300** (depth 300), **NSYSDRSDCR400** (depth 400).
- (6) M8 x 20 mm screw.

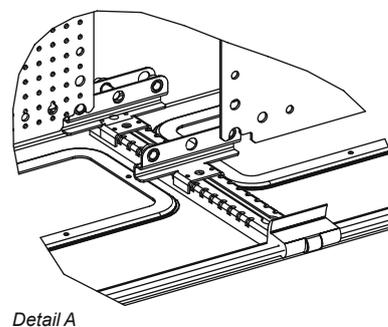
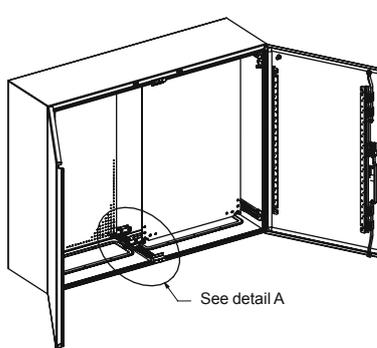
### Installation of 2 mounting plates in the enclosures with width of 1000 or 1200 mm and depth of 300 or 400 mm

Step slides, page 212.

- 1** - On the 6 backstuds
- 2** - Two offset mounting plates with depthwise adjustment



DB3000100



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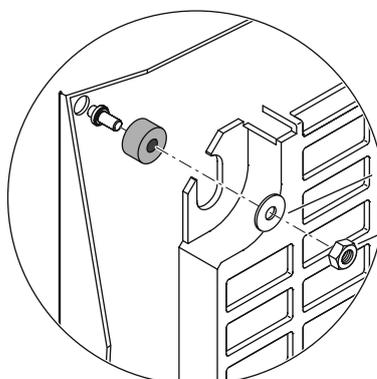
### Installation of Telequick mounting plates

Spacers for raising the mounting plate in the enclosures equipped with 6 studs.

#### Reference

**NSYEMR**

DB3000101



PB500388-54

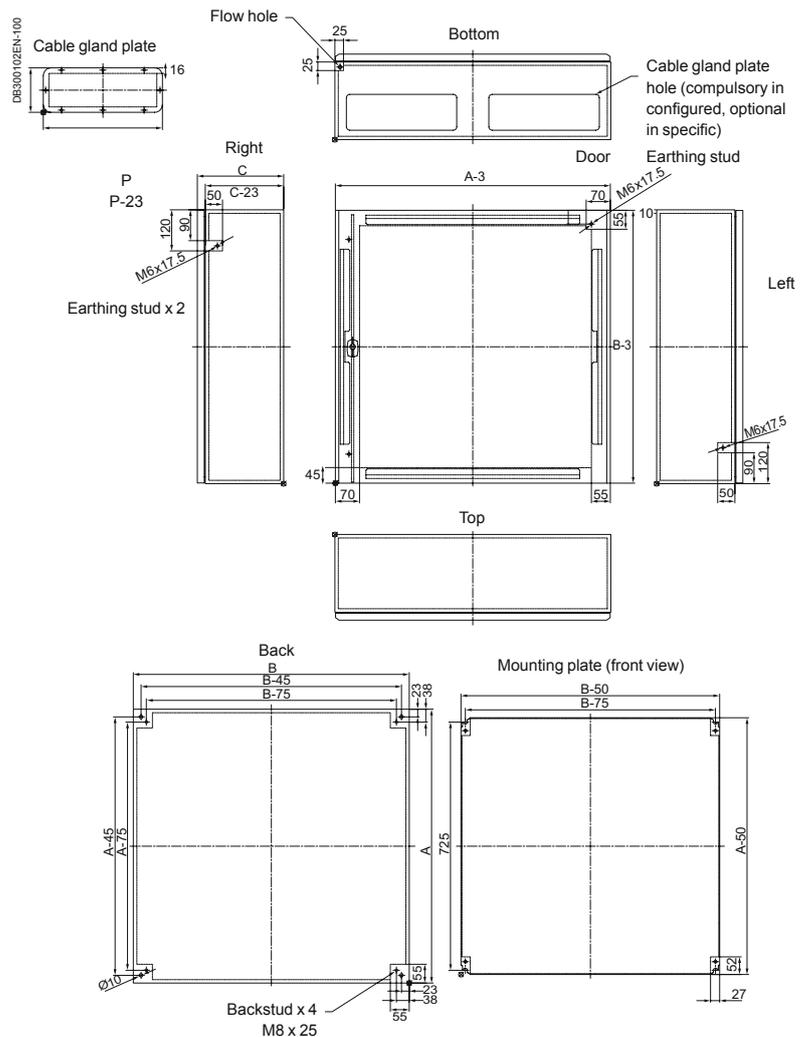


### Acceptable loads on the mounting plates, bases and doors

| Spacial 3D wall-mounting enclosures |         |             |                 |                   | References                     |
|-------------------------------------|---------|-------------|-----------------|-------------------|--------------------------------|
| Acceptable loads (kg)               |         |             |                 |                   |                                |
| On plain mounting plates            | On base | On door (1) | On vertical lug | On horizontal lug |                                |
| 60                                  | 135     | 50          | 350             | 190               | NSYS3D3215 to NSYS3D5320       |
| 90                                  | 135     | 50          | 350             | 190               | NSYS3D5420 to NSYS3D6425       |
| 135                                 | 135     | 50          | 350             | 190               | NSYS3D6620 to NSYS3D8630       |
| 150                                 | 135     | 50          | 350             | 190               | NSYS3D10625 to NSYS3D10830     |
| 180                                 | 135     | 50          | 350             | 190               | NSYS3D101030D to NSYS3D141030D |

(1) On a sheet door with a thickness of 20/10 mm: 60 kg of maximum acceptable load (please consult us).

### Areas without cut-outs



For 800, 1000 and 1200-mm widths, 2 cable-gland plates: see previous page.

Vertical cable guides from 400-mm height.  
Horizontal cable guides from 800-mm width.

Download our DXF diagrams from our websites.

PB600311-51



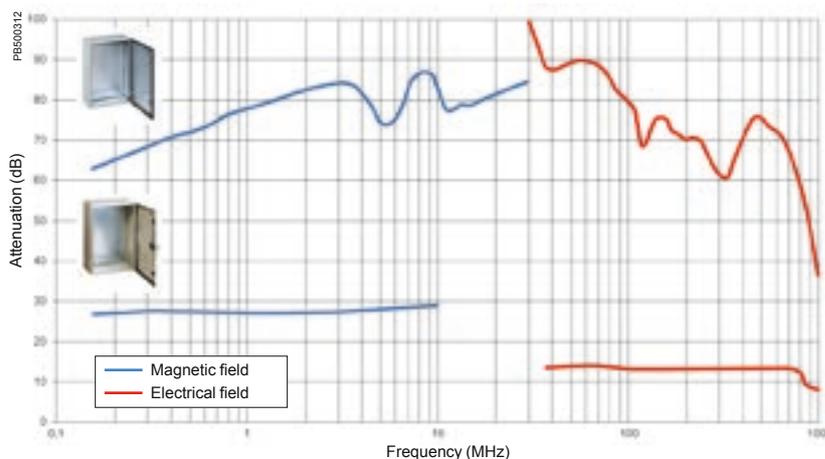
### EMC protection

Standard Spacial S3D enclosures are tested against electromagnetic disruptions. Since the enclosure is tested empty, it is advisable to rerun the tests with the enclosure completely equipped in its final configuration.

Earth braids to be ordered separately, see page 295.

Another solution and information on electromagnetic compatibility: Spacial S3HF enclosure, page 356.

### Attenuation curve of the Spacial S3D compared with the Spacial S3HF



PB501004-18



Frequency: 3 - 13.2 Hz  
 Amplitude: 1 mm/sec below 22 Hz  
 Frequency: 3 - 100 Hz  
 Acceleration: 0.7 g above 30 Hz

### Vibration constraints

Specific construction of the Spacial S3D - Single-piece body (cross-shaped structure). The rear is flat without added parts - this allows it to comply with certain vibration constraints.

The tests were conducted according to the "rules for ships" by "Det Norske Veritas". Enclosures labelled "DNV" have undergone these tests and obtained classification "A". Since the enclosure is tested empty, it is advisable to rerun the tests with the enclosure completely equipped in its final configuration.

PB501005-16



### ATEX compliance

The Spacial S3D enclosure (with adaptation) is certified ATEX by the LCIE. Spacial S3DEX enclosure, page 348 consult us.

### Environnemental consideration

Compliance with RoHS standard.

