











# Enclosures & thermal management systems certifications

| Range               | Assemblies alone                            |  |   |   |                                     | Equipped assembly system                          |
|---------------------|---|--|---|---|-------------------------------------|---|
|                     | Empty assemblies for low-voltage switchgear | Standards for industrial equipment and UL classification | Marine environment classification or approval for protection and resistance to vibrations | Enclosures installed in a potentially explosive atmosphere                  | Outdoor Heavy Duty enclosures       | Low-voltage switchgear and controlgear assemblies |
|                     | Standard/Directive                          |  |   |   |                                     |   |
|                     | IEC 62208                                   | UL508A and CAN CSA C22-2 no. 14                          | Rules of certifying bodies  | European directive no. 2014/34/UE EN60079-0 / EN60079-7 EN60079-3 / EN60529 | IEC 61439-5 ISO 12944-6 IEC 61969-3 | IEC 61439-1&2                                     |
| <b>Spacial</b>      |   |  |   |   |                                     |   |
| SBM                 | ●   | ●  | ● ●   |   |                                     |   |
| S3D                 | ● ● (6)                                     | ●  | ● ● ●   |   |                                     |   |
| CRN                 | ● (6)                                       | ●  | ●   |   |                                     |   |
| CRNG                | ● (6)                                       | ●  | ●   |   |                                     |   |
| S3DEX               |   | ●  |   | ●   |                                     |   |
| S3HF                |   | ●  |   |   |                                     |   |
| S3HD                | ● (6)                                       | ●  |   |   | ●                                   |   |
| S3CM                |   | ●  |   |   |                                     |   |
| SM                  | ● ● (6)                                     | ●  | ●   |   |                                     |   |
| SF                  | ● ● (6)                                     | ●  | ● ●   |   |                                     | ●   |
| SFHD                | ● ● (6)                                     | ●  |   |   | ●                                   | ●   |
| SFP/PH              | ● (6)                                       |  |   |   |                                     | ●   |
| SFM                 |   |  |   |   |                                     | ●   |
| S3X                 | ●   | ●  | ●   |   |                                     |   |
| S3XEX               |   | ●  |   | ●   |                                     |   |
| SMX                 | ●   | ●  | ● (3)   |   |                                     |   |
| SFX                 | ● (3)                                       | ●  | ● (3)   |   |                                     |   |
| <b>Thalassa</b>     |   |  |   |   |                                     |   |
| TBS/TBP             | ●   | ● (1)  |   |   |                                     |   |
| PLS                 | ●   | ●  |   |   |                                     |   |
| PLM                 | ● ● (6)                                     | ●  | ●   |   |                                     |   |
| PLA                 | ● ● (6)                                     | ●  | ●   |   |                                     |   |
| PLAT                | ● ● (6)                                     |  |   |   |                                     |   |
| PLAZ                | ● ● (6)                                     |  |   |   |                                     |   |
| PLAZT               | ● ● (6)                                     |  |   |   |                                     |   |
| PLD                 | ●   |  |   |   |                                     |   |
| PHD                 | ● (6)                                       | ●  |   |   | ● (2)                               |   |
| <b>ClimaSys (4)</b> |   |  |   |   |                                     |   |
| CV                  |   | ●  |   |   |                                     |   |
| CU                  |   | ●  |   |   |                                     |   |
| CE                  |   | ●  |   |   |                                     |   |
| CR                  |   | ● (5)  |   |   |                                     |   |
| CC                  |   | ●  |   |   |                                     |   |

(1) Only TBP. / (2) ISO 12944-6 only applies to the Spacial enclosures. / (3) Only for 1 door versions. / (4) EAC compliant. / (5) The insulated & aluminium resistance heaters of 12-24 V DC & 270-420 V AC are not certified. / (6) Compliance with Dekra.

For other certifications & declarations of conformity, please consult us.

| Official certification body   |   |   |   |   |   |  |   |   |   |
|---|---|---|---|---|---|--|---|---|---|
| Bureau Veritas  | LCIE (Bureau Veritas)   | Bureau Veritas Marine Division  | TÜV Rheinland Group   | Underwriters Laboratories   | Laboratorio Oficial J.M. Madariaga  | DNV-GL   | Lloyd's Register  | Dekra   | Asefa   |
|  |  |  |  |  |  |  |  |  |  |
| ●   | ●   | ●   | ●   | ●   | ●   | ●  | ●   | ●   | ●   |

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# Spacial - Thalassa - ClimaSys










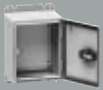


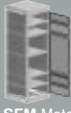















Universal Enclosures  
Quick Selection Guide 2018

[schneider-electric.com](http://schneider-electric.com)

Life Is On

**Schneider**  
Electric

# Choose your enclosure

|         |  | Universal Enclosures ranges   |   | Outdoor Heavy Duty  | Electrical distribution   | EMC   | ATEX   | Seismic   |  |
|---------|--|---|---|---|---|---|--|---|--|
| Spatial | <b>Boxes...</b><br>From 85 x 85 mm<br>To 400 x 800 mm<br>... and HMI         | <br>SBM Industrial boxes   | <br>SDB Junction boxes                       | <br>S3CM, SD, SDF, SDX Control desks<br>SF, SMX PC racks |   |   |  |   |  |
|         | <b>Wall-mounting enclosures</b><br>From 300 x 200 mm<br>To 1400 x 1000 mm    | <br>CRN Wall-mounting enclosure  |   |   |   |   |  |   |  |
|         | <b>Wall-mounting enclosures</b><br>From 300 x 200 mm<br>To 1400 x 1000 mm    | <br>VDM 19" enclosures<br>S3D 19" enclosures   |   | <br>S3HD Wall-mounting Heavy Duty enclosures             | <br>S3DB, S3DBFL (with FL21 cut-out), S3DM     | <br>S3HF Electromagnetic compatibility  | <br>S3DEX Explosive atmospheres   | <br>S3D6G Wall-mounting seismic enclosure* |  |
|         | <b>Floor-standing enclosures</b><br>From 1200 x 800 mm<br>To 2200 x 1600 mm  | <br>SM Floor-standing compact enclosures   |   |   |   |   |  |   |  |
|         | <b>Floor-standing enclosures</b><br>From 1200 x 600 mm<br>To 2200 x 1200 mm  | <br>SF Floor-standing suitable enclosures<br>Electronic application<br>Automobile application | <br>SFM Motor control centers*              | <br>SFHD Floor-standing Heavy Duty enclosures           | <br>SF, SFP Electrical distribution*          | <br>SFHF Electromagnetic compatibility |  | <br>SF 6G, SFP 5G Seismic application*    |  |
|         | <b>Wall-mounting enclosures</b><br>From 300 x 200 mm<br>To 1200 x 1000 mm    | <br>S3X Wall-mounting enclosures   |   |   |   |   | <br>S3XEX Explosive atmospheres |   |  |
|         | <b>Floor-standing enclosures</b><br>From 1400 x 1000 mm<br>To 2000 x 1600 mm | <br>SFX Floor-standing suitable  | <br>SMX Floor-standing monobloc            |   |   |   |  |   |  |
|         | Thalassa   | <b>Boxes</b><br>From 74 x 74 mm<br>To 540 x 720 mm  | <br>TBS ABS industrial boxes               | <br>TBP Polycarbonate industrial boxes                 | <br>PLS Insulating modular boxes             |   |  |   |  |
|         |  | <b>Wall-mounting enclosures</b><br>From 310 x 215 mm<br>To 1056 x 852 mm  | <br>PLM Wall-mounting polyester enclosures |   |   |   |  |   |  |
|         |  | <b>Floor-standing enclosures</b><br>From 500 x 500 mm<br>To 1500 x 1250 mm  | <br>PLA Floor-standing enclosures          | <br>PLD Floor-standing DIN enclosures                  | <br>PHD Floor-standing Heavy Duty enclosures |   |  |   |  |

\* For more information, see Universal Enclosures general catalogue.

## Thermal management system



ClimaSys CV  
Ventilation systems



ClimaSys CE  
Air-air exchangers



ClimaSys CE  
Air-water exchangers



ClimaSys CU  
Cooling units



ClimaSys DT  
Dataloggers



ClimaSys CR  
PTC resistance  
heaters



ClimaSys CRS  
Ultra thin resistance heaters



ClimaSys CC  
Thermal control

## Mounting accessories



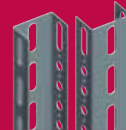
Mounting plates



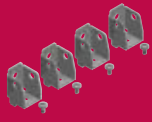
Chassis



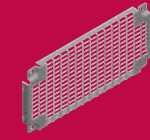
Rails



Uprights



Brackets

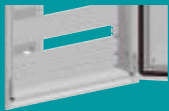


Plates



Nuts

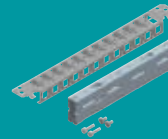
## Modular distribution



Panels



Covers



Bar supports



Chassis

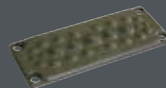
## Cable management



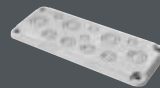
Plugs



Cable entries



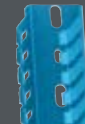
Membranes



Plates



Quick entries



Cable ducts

## Transversal accessories



LED lamps



Document pockets



Earth braids



Door switches



Door retainers

## Enclosures spare parts



Cable gland plate



Doors



Door accessories



Fixing hardware



Roof accessories

## Software and tools



Web Product Selectors



Digital Rules



ProClima



EffiClima



Spacial.conf

Select the right accessory

# How to define an enclosures solution?

## Invariables

Switchgear and Controlgear are the cornerstone of all electrical system. Industry, infrastructure, building, energy, transport, every segment.

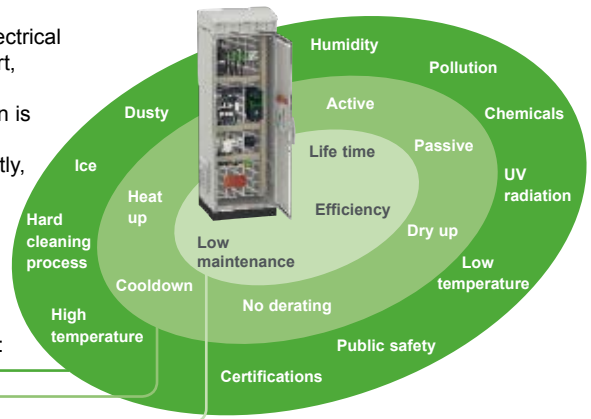
The correct enclosure and thermal management selection is crucial to guaranty the targeted performance.

Safeguards of equipment installed inside and consequently, service continuity.

## The correct selection of an enclosure and thermal solution

Many influences must be considered when defining an enclosure system. They may be grouped in three groups:

- Protection (Equipment and people)
- Thermal management
- Solution profitability



## Protection

Enclosures protect the inside installed equipment against the external environment and protect people against accidental contact with internal electrical equipment.

### Protection against environment

Under this concept must be considered

Rain / Snow / Ice / Humidity / Pollution / Chemicals / UV Radiation / Low temperatures / High temperatures / Cleaning process / Dusty / Salty / Sand storm / Wind / Chemicals / Fauna / Flora / Vandalism / Burglary / ...

### Protect people against electrical accidents

Under this concept must be considered

Public areas / Private area not segregated / Segregated private area / Vandalism / Burglary

## The environment and the enclosure

The table below is only indicative and not binding. It shows, in a general concept, the optimized performance of the Universal Enclosures ranges according to the environment conditions taking into account technical and commercial criteria:

- ■■■ Very recommended
- ■ Recommended
- - Not recommended

| Environment                    | Enclosure material |                  |                      |                      |                       |           |                      |
|--------------------------------|--------------------|------------------|----------------------|----------------------|-----------------------|-----------|----------------------|
|                                | Steel              | Steel Heavy Duty | Stainless-steel 304L | Stainless-steel 316L | Stainless-steel Paint | Polyester | Polyester Heavy Duty |
| Indoor clean environment (1)   | ■■■                | ■                | ■                    | ■                    | ■                     | ■         | ■                    |
| Hard cleaning process (2)      | -                  | -                | ■■■                  | ■■■                  | -                     | -         | -                    |
| Outdoor (no public access)     | -                  | ■■■              | ■                    | ■                    | ■                     | ■■■       | ■■■                  |
| Outdoor (public access)        | -                  | ■                | ■                    | ■                    | ■                     | ■         | ■■■                  |
| Harsh chemicals                | -                  | ■                | ■■■                  | ■■■                  | ■■■                   | ■■■       | ■■■                  |
| Solar radiation                | -                  | ■■■              | -                    | ■ (4)                | ■ (4)                 | ■■■       | ■■■                  |
| Sand storm                     | -                  | -                | ■■■                  | ■■■                  | -                     | ■         | ■                    |
| Temperature > 40°C (3)         | ■■■                | ■■■              | ■■■                  | ■■■                  | ■■■                   | ■■■       | ■■■                  |
| Temperature < 5°C (3)          | ■■■                | ■■■              | ■■■                  | ■■■                  | ■■■                   | ■■■       | ■■■                  |
| Salty environment              | -                  | -                | -                    | ■■■                  | ■■■                   | ■■■       | ■■■                  |
| Sea water splashes             | -                  | -                | -                    | ■■■                  | ■■■                   | ■■■       | ■■■                  |
| Humidity > 70% (3)             | -                  | ■■■              | ■■■                  | ■■■                  | ■■■                   | ■■■       | ■■■                  |
| Impact                         | ■■■                | ■■■              | ■■■                  | ■■■                  | ■■■                   | ■■■       | ■■■                  |
| Vandalism                      | -                  | ■■■              | ■                    | ■                    | ■                     | ■         | ■■■                  |
| Burglary                       | -                  | ■■■              | ■                    | ■                    | ■                     | ■         | ■■■                  |
| Strong pollution               | •                  | ■■■              | ■■■                  | ■■■                  | ■■■                   | ■■■       | ■■■                  |
| Vibration (Marine application) | ■■■                | -                | ■■■                  | ■■■                  | ■■■                   | ■■■       | -                    |
| Seismic                        | ■■■                | -                | -                    | -                    | -                     | -         | -                    |
| Electro Magnetic Interference  | ■■■                | -                | -                    | -                    | -                     | -         | -                    |

(1) Not considering F&B process

(2) e.g. F&B process

(3) Always using ClimaSys solutions

(4) Marine solar plants

## Thermal management

Thermal management system must guaranty the temperature and humidity controlled inside the enclosure.

The correct solution must be based on a robust process starting on the environment diagnostic, going to the parameters calculations and defining the best architecture (Enclosures + Equipment installed + Thermal solution).

ClimaSys is the definitive solution based on ClimaSys DT / EffiClima / ProClima

# Industry and Infrastructure Offer

## A material for every environment

### > Steel

#### Robust solution for industrial environment

The industrial environment in mechanical plants is especially demanding as regards the protection of electric and electronic components against dust, splashing with oil and impacts. This environment therefore requires a range that is suited to the applications and easy to implement.

- **Universal range**, for industry.
- **Functional enclosure**, for the electrical distribution.
- **Motor Control Centres - fix MCC**
- **Heavy Duty range**, for outdoor applications in private locations.
- **Seismic and nuclear enclosure**.
- **E.M.C. range**, against electromagnetic disturbances (treated with Aluzinc).
- **Range of ATEX enclosures**, for potentially explosive atmospheres.
- **Human-machine interface enclosures range**.
- **Customised solutions**, for specific applications.



#### > Solution:

The Spacial range in steel (industrial boxes, wall-mounting, monobloc and suitable floor-standing enclosures).

Steel

### > 304L - 316L stainless-steel

#### Demanding industrial environment

Food and beverage, pharmaceutical, petrochemical and infrastructure industries are particularly demanding in terms of hygiene and resistance to corrosion. With two grades of stainless-steel:

- **304L stainless-steel**: resistance to corrosion and cleanability (often used in food production environments).
- **316L stainless-steel, also known as "marine stainless-steel"**: Very high resistance to corrosion (saline or chlorinated environment).
- **Range of ATEX enclosures**, for potentially explosive atmospheres.



#### > Solution:

The Spacial range in stainless-steel (wall-mounting, monobloc and suitable floor-standing enclosures).

Stainless-steel

### > Insulating polyester and plastic materials (ABS, polycarbonate)

#### Severe infrastructures and industrial environments

Outdoor infrastructures and electrical installations are exposed to direct sunlight, rain, saline mist, extreme temperatures, oil splashes, chemical and corrosive agents, and are in contact with the public.

- **Universal range**, for industry and infrastructures.
- **Heavy Duty range**, for harsh outdoor applications in public areas.



#### > Solution:

The Thalassa range (boxes, wall-mounting and floor-standing enclosures).

Insulating materials

# Steel industrial boxes

Spacial SDB



|           | Metallic junction boxes<br>IP55 - IK07 - RAL 7035 |     |     |                           |                        |            | Plain mounting plate |
|-----------|---|-----|-----|---------------------------|------------------------|------------|----------------------|
|           | External dimensions (mm)                          |     |     | Models without knock-outs | Models with knock-outs |            |                      |
|           | H   | W   | D   | References                | References             |            |                      |
| Low cover | 85  | 85  | 49  | NSYDBN88                  | NSYDB88M               | -          |                      |
|           | 105   | 105 | 49  | NSYDBN1010                | NSYDB1010M             | -          |                      |
|           | 155   | 105 | 61  | NSYDBN1510                | NSYDB1510M             | NSYPMD1510 |                      |
|           | 206   | 156 | 83  | NSYDBN2015                | NSYDB2015M             | NSYPMD2015 |                      |
|           | 256   | 206 | 93  | NSYDBN2520                | -                      | NSYPMD2520 |                      |
|           | 307   | 257 | 116 | NSYDBN3025                | -                      | NSYPMD3025 |                      |

Spacial SBM



| External dimensions (mm) |     |     | Steel industrial boxes<br>RAL 7035    |  |                                       | Extension box <sup>(1)</sup> |
|--------------------------|-----|-----|---------------------------------------|--|---------------------------------------|------------------------------|
| H                        | W   | D   | Spacial SBM - Flat box<br>IP66 - IK10 | Spacial SBMC - FL21 entry box<br>IP66 - IK10 | Spacial SBMB - BUS box<br>IP55 - IK08 |                              |
| 150                      | 150 | 80  | NSYSBM15158                           | -  | -                                     | -                            |
| 150                      | 150 | 120 | NSYSBM151512                          | -  | -                                     | -                            |
| 150                      | 200 | 80  | NSYSBM15208                           | -  | -                                     | -                            |
| 150                      | 200 | 120 | NSYSBM152012                          | -  | -                                     | -                            |
| 150                      | 300 | 80  | NSYSBM15308                           | -  | -                                     | -                            |
| 150                      | 300 | 120 | NSYSBM153012                          | NSYSBMC153012                                | -                                     | -                            |
| 150                      | 400 | 80  | NSYSBM15408                           | -  | -                                     | -                            |
| 150                      | 400 | 120 | NSYSBM154012                          | NSYSBMC154012                                | -                                     | -                            |
| 200                      | 200 | 80  | NSYSBM20208                           | -  | -                                     | NSYAES228SB                  |
| 200                      | 200 | 120 | NSYSBM202012                          | -  | -                                     | NSYAES228SB                  |
| 200                      | 300 | 80  | NSYSBM20308                           | -  | -                                     | NSYAES238SB                  |
| 200                      | 300 | 120 | NSYSBM203012                          | NSYSBMC203012                                | NSYSBMB203012                         | NSYAES238SB                  |
| 200                      | 400 | 80  | NSYSBM20408                           | -  | -                                     | NSYAES248SB                  |
| 200                      | 400 | 120 | NSYSBM204012                          | NSYSBMC204012                                | NSYSBMB204012                         | NSYAES248SB                  |
| 200                      | 500 | 80  | NSYSBM20508                           | -  | -                                     | NSYAES258SB                  |
| 200                      | 500 | 120 | NSYSBM205012                          | -  | -                                     | NSYAES258SB                  |
| 200                      | 600 | 80  | NSYSBM20608                           | -  | -                                     | NSYAES268SB                  |
| 200                      | 600 | 120 | NSYSBM206012                          | NSYSBMC206012                                | NSYSBMB206012                         | NSYAES268SB                  |
| 200                      | 800 | 120 | NSYSBM208012                          | NSYSBMC208012                                | NSYSBMB208012                         | -                            |
| 300                      | 300 | 120 | NSYSBM303012                          | NSYSBMC303012                                | -                                     | NSYAES338SB                  |
| 300                      | 400 | 120 | NSYSBM304012                          | NSYSBMC304012                                | -                                     | NSYAES348SB                  |
| 300                      | 500 | 120 | NSYSBM305012                          | -  | -                                     | NSYAES358SB                  |
| 300                      | 600 | 120 | NSYSBM306012                          | NSYSBMC306012                                | -                                     | NSYAES368SB                  |
| 300                      | 800 | 120 | NSYSBM308012                          | NSYSBMC308012                                | -                                     | -                            |
| 400                      | 400 | 120 | NSYSBM404012                          | NSYSBMC404012                                | -                                     | -                            |
| 400                      | 500 | 120 | NSYSBM405012                          | -  | -                                     | -                            |
| 400                      | 600 | 120 | NSYSBM406012                          | NSYSBMC406012                                | -                                     | -                            |
| 400                      | 800 | 120 | NSYSBM408012                          | NSYSBMC408012                                | -                                     | -                            |

(1) Not compatible with Bus box.



Suspension system available in the catalogue



| Dimensions |     |     | Spacial S3CM Control enclosure<br>IP54 - IK10 - RAL 7035 |  |
|------------|-----|-----|--|--|
| H          | W   | D   |  |  |
| 300        | 300 | 200 | <b>NSYS3CM303020</b>                                     |  |
| 300        | 400 | 200 | <b>NSYS3CM304020</b>                                     |  |
| 400        | 400 | 200 | <b>NSYS3CM404020</b>                                     |  |
| 400        | 600 | 250 | <b>NSYS3CM406025*</b>                                    |  |
| 500        | 500 | 250 | <b>NSYS3CM505025</b>                                     |  |
| 600        | 600 | 200 | <b>NSYS3CM606020*</b>                                    |  |
| 600        | 800 | 300 | <b>NSYS3CM608030</b>                                     |  |
| 800        | 600 | 300 | <b>NSYS3CM806030*</b>                                    |  |

| Dimensions |     |     | Spacial S3CM Box-keyboard<br>IP54 - IK10 - RAL 7040 |   | Spacial S3CM Support<br>RAL 7035 |                |
|------------|-----|-----|---|---|----------------------------------|----------------|
| H          | W   | D   |   |   |                                  |                |
| 250        | 600 | 116 | <b>NSYCMT2560110</b>                                | - | -                                |                |
| 315        | 230 | -   | -   | - | Vertical                         | <b>NSYCMSP</b> |
| -          | 350 | 310 | -   | - | Laptop computer                  | <b>NSYCMBC</b> |
| -          | 500 | 200 | -   | - | Keyboard                         | <b>NSYCMBP</b> |

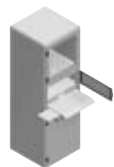
\* Enclosure equipped with a cable-gland plate.

## Spacial SD, SDF, SDX



| Control desk dimensions (mm) |      |      | Spacial SD<br>Compact control desk<br>IP55 - IK10 - RAL 7035<br>Sheet steel |                |                           |                 | Spacial SDX<br>Compact control desk<br>IP55 - IK10<br>Stainless-steel sheet |                  | Spacial SDF<br>Control desk with console<br>IP55 - IK10 - RAL 7035<br>Sheet steel |         |
|------------------------------|------|------|---|----------------|---------------------------|-----------------|---|------------------|---|---------|
|                              |      |      | With fixed rear panel   |                | With removable rear panel |                 | With removable rear panel   |                  | With rear door  |         |
|                              |      |      | 1 door  | 2 doors        | 1 door                    | 2 doors         | 1 door  | 2 doors          | 1 door  | 2 doors |
| 1000                         | 600  | 469  | <b>NSYSD6</b>   | -              | -                         | -               | -   | -                | -   |         |
| 1000                         | 600  | 500  | -   | -              | -                         | -               | <b>NSYSDX6</b>  | -                | -   |         |
| 1000                         | 800  | 469  | <b>NSYSD8</b>   | -              | -                         | -               | -   | -                | -   |         |
| 1000                         | 800  | 500  | -   | -              | -                         | -               | <b>NSYSDX8</b>  | -                | -   |         |
| 1000                         | 1000 | 469  | -   | <b>NSYSD10</b> | -                         | -               | -   | -                | -   |         |
| 1000                         | 1200 | 469  | -   | <b>NSYSD12</b> | -                         | -               | -   | -                | -   |         |
| 1000                         | 600  | 600  | -   | -              | <b>NSYSD6R</b>            | -               | -   | -                | -   |         |
| 1000                         | 800  | 600  | -   | -              | <b>NSYSD8R</b>            | -               | -   | -                | -   |         |
| 1000                         | 1000 | 500  | -   | -              | -                         | -               | <b>NSYSDX10</b>   | -                | -   |         |
| 1000                         | 1000 | 600  | -   | -              | -                         | <b>NSYSD10R</b> | -   | -                | -   |         |
| 1000                         | 1200 | 500  | -   | -              | -                         | -               | <b>NSYSDX12</b>   | -                | -   |         |
| 1000                         | 1200 | 600  | -   | -              | -                         | <b>NSYSD12R</b> | -   | -                | -   |         |
| 1400                         | 800  | 845  | -   | -              | -                         | -               | -   | <b>NSYSDF88</b>  | -   |         |
| 1400                         | 1000 | 845  | -   | -              | -                         | -               | -   | -                | <b>NSYSDF108</b>  |         |
| 1400                         | 1200 | 845  | -   | -              | -                         | -               | -   | -                | <b>NSYSDF128</b>  |         |
| 1400                         | 1600 | 845  | -   | -              | -                         | -               | -   | -                | <b>NSYSDF168</b>  |         |
| 1400                         | 800  | 1045 | -   | -              | -                         | -               | -   | <b>NSYSDF810</b> | -   |         |
| 1400                         | 1000 | 1045 | -   | -              | -                         | -               | -   | -                | <b>NSYSDF1010</b>   |         |
| 1400                         | 1200 | 1045 | -   | -              | -                         | -               | -   | -                | <b>NSYSDF1210</b>   |         |
| 1400                         | 1600 | 1045 | -   | -              | -                         | -               | -   | -                | <b>NSYSDF1610</b>   |         |

## Spacial SF PC rack, SMX PC rack



| Control desk dimensions (mm) |     |     | Spacial SF PC rack<br>IP55* - IK10 - RAL 7035 |                     | Spacial SMX PC rack<br>304L Stainless-steel<br>IP55 - IK10 |
|------------------------------|-----|-----|---|---------------------|--|
| H                            | W   | D   | No. of compartments                           | References          | References   |
| 1600                         | 600 | 600 | 3   | <b>NSYSF16660PC</b> | <b>NSYSMX16660PC</b>                                       |
| 1600                         | 600 | 800 | 3   | <b>NSYSF16680PC</b> | -  |
| 1800                         | 600 | 600 | 4   | <b>NSYSF18660PC</b> | <b>NSYSMX18660PC</b>                                       |
| 1800                         | 600 | 800 | 4   | <b>NSYSF18680PC</b> | -  |

\* IP40 with hinged keyboard.





| Spacial CRN<br>IP66 - IK10 <sup>(5)</sup> - RAL 7035   |      |     |                  |                       |                                   |                                    |
|--|------|-----|------------------|-----------------------|-----------------------------------|------------------------------------|
| Dimensions   |      |     | No. of doors     | Weight <sup>(1)</sup> | Plain door without mounting plate | Glazed door without mounting plate |
| H  | W    | D   |                  |                       |                                   |                                    |
| 200  | 200  | 150 | 1                | 2.5                   | NSYCRN22150 <sup>(2)</sup>        | -                                  |
| 200  | 300  | 150 | 1                | 3.9                   | NSYCRN23150 <sup>(2)</sup>        | -                                  |
| 250  | 200  | 150 | 1                | 3.2                   | NSYCRN252150                      | -                                  |
| 300  | 250  | 150 | 1                | 4.2                   | NSYCRN325150                      | NSYCRN325150T                      |
| 300  | 250  | 200 | 1                | 4.9                   | NSYCRN325200                      | NSYCRN325200T                      |
| 300  | 300  | 150 | 1                | 5.0                   | NSYCRN33150                       | NSYCRN33150T                       |
| 300  | 300  | 200 | 1                | 6.0                   | NSYCRN33200                       | NSYCRN33200T                       |
| 300  | 400  | 200 | 1                | 6.4                   | NSYCRN34200                       | NSYCRN34200T                       |
| 300  | 450  | 150 | 1                | 6.7                   | NSYCRN345150 <sup>(2)</sup>       | -                                  |
| 400  | 300  | 150 | 1                | 6.0                   | NSYCRN43150                       | NSYCRN43150T                       |
| 400  | 300  | 200 | 1                | 6.8                   | NSYCRN43200                       | NSYCRN43200T                       |
| 400  | 400  | 200 | 1                | 8.0                   | NSYCRN44200                       | NSYCRN44200T                       |
| 400  | 600  | 250 | 1                | 10.0                  | NSYCRN46250                       | NSYCRN46250T                       |
| 400  | 600  | 300 | 1                | 11.2                  | NSYCRN46300                       | NSYCRN46300T                       |
| 500  | 400  | 150 | 1                | 8.7                   | NSYCRN54150                       | NSYCRN54150T                       |
| 500  | 400  | 200 | 1                | 9.8                   | NSYCRN54200                       | NSYCRN54200T                       |
| 500  | 400  | 250 | 1                | 11.0                  | NSYCRN54250                       | NSYCRN54250T                       |
| 500  | 500  | 250 | 1                | 12.8                  | NSYCRN55250                       | NSYCRN55250T                       |
| 600  | 400  | 150 | 1                | 9.3                   | NSYCRN64150                       | NSYCRN64150T                       |
| 600  | 400  | 200 | 1                | 10.8                  | NSYCRN64200                       | NSYCRN64200T                       |
| 600  | 400  | 250 | 1                | 12.3                  | NSYCRN64250                       | NSYCRN64250T                       |
| 600  | 500  | 150 | 1                | 11.3                  | NSYCRN65150                       | NSYCRN65150T                       |
| 600  | 500  | 200 | 1                | 14.3                  | NSYCRN65200                       | NSYCRN65200T                       |
| 600  | 500  | 250 | 1                | 16.2                  | NSYCRN65250                       | NSYCRN65250T                       |
| 600  | 600  | 200 | 1                | 16.3                  | NSYCRN66200                       | NSYCRN66200T                       |
| 600  | 600  | 250 | 1                | 18.2                  | NSYCRN66250                       | NSYCRN66250T                       |
| 600  | 600  | 300 | 1                | 19.8                  | NSYCRN66300                       | NSYCRN66300T                       |
| 600  | 800  | 300 | 1                | 26.0                  | NSYCRN68300                       | NSYCRN68300T                       |
| 700  | 500  | 200 | 1                | 17.3                  | NSYCRN75200                       | NSYCRN75200T                       |
| 700  | 500  | 250 | 1                | 19.3                  | NSYCRN75250                       | NSYCRN75250T                       |
| 800  | 600  | 200 | 1                | 21.8                  | NSYCRN86200                       | NSYCRN86200T                       |
| 800  | 600  | 250 | 1                | 24.8                  | NSYCRN86250                       | NSYCRN86250T                       |
| 800  | 600  | 300 | 1                | 26.3                  | NSYCRN86300                       | NSYCRN86300T                       |
| 800  | 800  | 200 | 1                | 29.5                  | NSYCRN88200                       | NSYCRN88200T                       |
| 800  | 800  | 300 | 1                | 32.5                  | NSYCRN88300                       | NSYCRN88300T                       |
| 1000   | 600  | 250 | 1                | 28.4                  | NSYCRN106250                      | NSYCRN106250T                      |
| 1000   | 600  | 300 | 1                | 30.6                  | NSYCRN106300                      | NSYCRN106300T                      |
| 1000   | 800  | 250 | 1                | 34.5                  | NSYCRN108250                      | NSYCRN108250T                      |
| 1000   | 800  | 300 | 1                | 37.4                  | NSYCRN108300                      | NSYCRN108300T                      |
| Spacial CRNG Wall-mounting steel enclosures with three-point locking system - IP66 <sup>(4)</sup> - IK10 <sup>(5)</sup> - RAL 7035 |      |     |                  |                       |                                   |                                    |
| 800  | 600  | 400 | 1                | 30.0                  | NSYCRNG86400                      | NSYCRNG86400T                      |
| 800  | 1000 | 300 | 2                | 40.0                  | NSYCRNG810300D                    | -                                  |
| 800  | 1200 | 300 | 2                | 46.0                  | NSYCRNG812300D                    | -                                  |
| 1000   | 600  | 400 | 1                | 36.0                  | NSYCRNG106400                     | NSYCRNG106400T                     |
| 1000   | 800  | 400 | 1                | 43.0                  | NSYCRNG108400                     | NSYCRNG108400T                     |
| 1000   | 1000 | 300 | 2 <sup>(3)</sup> | 47.0                  | NSYCRNG1010300D                   | NSYCRNG1010300T                    |
| 1000   | 1200 | 300 | 2                | 55.0                  | NSYCRNG1012300D                   | -                                  |
| 1000   | 1200 | 400 | 2                | 60.0                  | NSYCRNG1012400D                   | -                                  |
| 1200   | 600  | 300 | 1                | 37.0                  | NSYCRNG126300                     | NSYCRNG126300T                     |
| 1200   | 600  | 400 | 1                | 42.0                  | NSYCRNG126400                     | NSYCRNG126400T                     |
| 1200   | 800  | 300 | 1                | 45.0                  | NSYCRNG128300                     | NSYCRNG128300T                     |
| 1200   | 800  | 400 | 1                | 50.0                  | NSYCRNG128400                     | NSYCRNG128400T                     |
| 1200   | 1000 | 300 | 2                | 56.0                  | NSYCRNG1210300D                   | -                                  |
| 1200   | 1000 | 400 | 2                | 61.0                  | NSYCRNG1210400D                   | -                                  |
| 1200   | 1200 | 300 | 2                | 64.0                  | NSYCRNG1212300D                   | -                                  |
| 1200   | 1200 | 400 | 2                | 90.0                  | NSYCRNG1212400D                   | -                                  |
| 1400   | 1000 | 300 | 2                | 80.0                  | NSYCRNG1410300D                   | -                                  |

(1) Enclosure without mounting plate.

(2) Two cable gland plates, one on the top, one on the bottom.

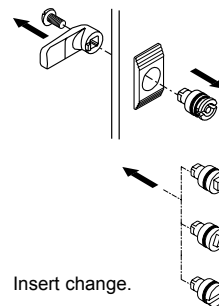
(3) Except glazed door in single door.

(4) For the double door: IP55.

(5) For glazed door: IK08.



### Lock for Spacial CRN enclosure



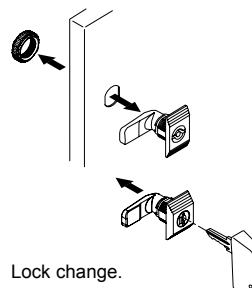
Insert change.

| Type of lock      | Insert reference  | Key reference     |
|-------------------|-------------------|-------------------|
| ⊕ 3 mm double bar | <b>NSYTDBCRN*</b> | ➔ <b>NSYLDDB5</b> |
| △ 6.5 mm          | <b>NSYTT6CRN</b>  | ➔ <b>NSYLT8</b>   |
| △ 7 mm            | <b>NSYTT7CRN</b>  | ➔ <b>NSYLT8</b>   |
| △ 8 mm            | <b>NSYTT8CRN</b>  | ➔ <b>NSYLT8</b>   |

\*Delivered with 1 metal key.



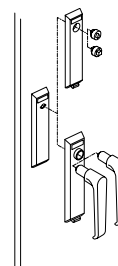
**NSYCBCCRN**



Lock change.

| Type of lock                                       | Insert reference   | Key reference |
|--|--------------------|---------------|
| Complete manual handle lock, operated with key 405 | <b>NSYCL405CRN</b> | ➔             |
| Stainless-steel padlock                            | <b>NSYKPLM</b>     | ➔             |
| Double padlock                                     | <b>NSYCBCCRN</b>   | ➔             |

### Lock for Spacial CRNG enclosure (three-point lock)



| Type of lock                                  | Insert reference   | Key reference   |
|---|--------------------|-----------------|
| □ 7 mm square                                 | <b>NSYTC7ML</b>    | ➔ <b>NSYLC7</b> |
| Handle lock                                   | <b>NSYTSML</b>     | ➔               |
| Handle lock operated using key 405 (included) | <b>NSYTL405SML</b> | ➔               |

### Wall-fixing lugs



| Description                  | For CRN         | For CRNG           |
|------------------------------|-----------------|--------------------|
| Passivated zinc-coated steel | <b>NSYPFCR</b>  | <b>NSYAEFPFSC</b>  |
| Stainless-steel 304L         | <b>NSYPFCX</b>  | <b>NSYAEFPFXSC</b> |
| Stainless-steel 316L         | <b>NSYPFC2X</b> | -                  |

### Kit for heavy loads



| Reference           |
|---------------------|
| <b>NSYAEFAHLBSC</b> |

| Installation system |                    |
|---------------------|--------------------|
| Inner door          | Post-fixing device |
| -                   | -                  |
| -                   | -                  |
| -                   | -                  |
| -                   | -                  |
| -                   | -                  |
| -                   | -                  |
| -                   | <b>NSYSFPSC30</b>  |
| -                   | <b>NSYSFPSC30</b>  |
| -                   | <b>NSYSFPSC40</b>  |
| -                   | -                  |
| <b>NSYPIN43</b>     | <b>NSYSFPSC30</b>  |
| <b>NSYPIN43</b>     | <b>NSYSFPSC30</b>  |
| -                   | <b>NSYSFPSC40</b>  |
| -                   | <b>NSYSFPSC60</b>  |
| -                   | <b>NSYSFPSC60</b>  |
| <b>NSYPIN54</b>     | <b>NSYSFPSC40</b>  |
| <b>NSYPIN54</b>     | <b>NSYSFPSC40</b>  |
| <b>NSYPIN54</b>     | <b>NSYSFPSC40</b>  |
| -                   | <b>NSYSFPSC50</b>  |
| <b>NSYPIN64</b>     | <b>NSYSFPSC40</b>  |
| <b>NSYPIN64</b>     | <b>NSYSFPSC40</b>  |
| <b>NSYPIN64</b>     | <b>NSYSFPSC40</b>  |
| -                   | <b>NSYSFPSC50</b>  |
| -                   | <b>NSYSFPSC50</b>  |
| -                   | <b>NSYSFPSC50</b>  |
| -                   | <b>NSYSFPSC60</b>  |
| -                   | <b>NSYSFPSC60</b>  |
| -                   | <b>NSYSFPSC60</b>  |
| -                   | <b>NSYSFPSC80</b>  |
| <b>NSYPIN75</b>     | <b>NSYSFPSC50</b>  |
| <b>NSYPIN75</b>     | <b>NSYSFPSC50</b>  |
| <b>NSYPIN86</b>     | <b>NSYSFPSC60</b>  |
| <b>NSYPIN86</b>     | <b>NSYSFPSC60</b>  |
| <b>NSYPIN86</b>     | <b>NSYSFPSC60</b>  |
| -                   | <b>NSYSFPSC80</b>  |
| -                   | <b>NSYSFPSC80</b>  |
| <b>NSYPIN106</b>    | -                  |
| <b>NSYPIN106</b>    | -                  |
| <b>NSYPIN108</b>    | -                  |
| <b>NSYPIN108</b>    | -                  |
| <b>NSYPIN86</b>     | <b>NSYSFPSC60</b>  |
| -                   | -                  |
| -                   | -                  |
| <b>NSYPIN106</b>    | -                  |
| <b>NSYPIN108</b>    | -                  |
| -                   | -                  |
| -                   | -                  |
| -                   | -                  |
| <b>NSYPIN126</b>    | -                  |
| <b>NSYPIN126</b>    | -                  |
| <b>NSYPIN128</b>    | -                  |
| <b>NSYPIN128</b>    | -                  |
| -                   | -                  |
| -                   | -                  |
| -                   | -                  |
| -                   | -                  |
| -                   | -                  |

Spacial S3DB,  
S3DBFL, S3DM,  
VDM, S3DEX, S3HF,  
S3HD, S3D 19"



# Application steel wall-mounting enclosures



Empty enclosure for electrical distribution  
RAL 7035

| Dimensions |     |     | S3DB terminal blocks<br>IP66 - IK10 | S3DBFL terminal blocks<br>with FL21 cut-out<br>IP65 (with membrane mounted) - IK10 | S3DM modular enclosures<br>with glazed door <sup>(1)</sup><br>IP66 - IK08 |
|------------|-----|-----|-------------------------------------|--|---|
| H          | W   | D   |                                     |  |   |
| 250        | 300 | 150 | NSYS3DB25315                        | -  | -   |
| 250        | 400 | 150 | NSYS3DB25415                        | -  | -   |
| 250        | 500 | 150 | NSYS3DB25515                        | -  | -   |
| 300        | 300 | 150 | NSYS3DB3315                         | -  | -   |
| 300        | 300 | 170 | -                                   | NSYS3DBFL3317  | -   |
| 300        | 400 | 150 | NSYS3DB3415                         | -  | -   |
| 300        | 400 | 170 | -                                   | NSYS3DBFL3417  | -   |
| 300        | 500 | 150 | NSYS3DB3515                         | -  | -   |
| 300        | 600 | 150 | NSYS3DB3615                         | -  | -   |
| 400        | 300 | 150 | NSYS3DB4315                         | -  | NSYS3DM4315T  |
| 400        | 300 | 170 | -                                   | NSYS3DBFL4317  | -   |
| 400        | 800 | 150 | NSYS3DB4815                         | -  | -   |
| 500        | 400 | 150 | NSYS3DB5415                         | -  | NSYS3DM5415T  |
| 600        | 400 | 150 | NSYS3DB6415                         | -  | NSYS3DM6415T  |
| 600        | 600 | 150 | -                                   | -  | NSYS3DM6615T  |
| 700        | 500 | 150 | -                                   | -  | NSYS3DM7515T  |
| 800        | 600 | 150 | -                                   | -  | NSYS3DM8615T  |
| 1000       | 600 | 150 | -                                   | -  | NSYS3DM10615T   |
| 1000       | 800 | 150 | -                                   | -  | NSYS3DM10815T   |

(1) Modular chassis to be ordered separately (NSYDLM\*\*\*), see page 11.



Outdoor Heavy Duty enclosures

| Dimensions |     |     | S3HD<br>IP66 - IK10 - RAL 7035 | Heavy duty<br>post-fixing device | Plain mounting plate | Roof ventilation module |
|------------|-----|-----|--------------------------------|----------------------------------|----------------------|-------------------------|
| H          | W   | D   |                                |                                  |                      |                         |
| 343        | 200 | 180 | NSYS3HD3215                    | -                                | NSYMM32              | -                       |
| 448        | 300 | 230 | NSYS3HD4320                    | NSYSFPSC30HD                     | -                    | -                       |
| 548        | 400 | 230 | NSYS3HD5420                    | NSYSFPSC40HD                     | NSYMM54              | -                       |
| 653        | 400 | 280 | NSYS3HD6425                    | NSYSFPSC40HD                     | NSYMM64              | -                       |
| 658        | 600 | 330 | NSYS3HD6630                    | NSYSFPSC60HD                     | NSYMM66              | -                       |
| 753        | 500 | 280 | NSYS3HD7525                    | NSYSFPSC50HD                     | NSYMM75              | -                       |
| 858        | 600 | 330 | NSYS3HD8630                    | NSYSFPSC60HD                     | NSYMM86*             | -                       |
| 862        | 800 | 430 | NSYS3HD8840                    | NSYSFPSC80HD                     | NSYMM88              | NSYS3CVR84HD            |
| 1062       | 600 | 430 | NSYS3HD10640                   | NSYSFPSC60HD                     | NSYMM106             | NSYS3CVR64HD            |
| 1062       | 800 | 430 | NSYS3HD10840                   | NSYSFPSC80HD                     | NSYMM108*            | NSYS3CVR84HD            |

\* Plate with reversible dimensions; it can be installed in enclosures with inverted dimensions. Example: Plate ref. NSYMM64 can be used for the following enclosures: H 600 x W 400 mm or H 400 x W 600 mm. For plain and silkscreened mounting plates: In wall-mounting enclosures with widths of 1000 and 1200 mm, it is possible to install 2 mounting plates at different depths using an additional central step slide NSYSDRSDCR.



Electronic applications

| Dimensions |     |     | VDM 19" enclosures with glazed door <sup>(1)</sup><br>IP66 - IK08 - RAL 7035 |          |                          |          |                          |          | CRN 19" enclosure<br>IP66 <sup>(2)</sup> - IK10 <sup>(3)</sup> - RAL 7035 |               |                           |          |                           |          |
|------------|-----|-----|--|----------|--------------------------|----------|--------------------------|----------|---|---------------|---------------------------|----------|---------------------------|----------|
| H          | W   | D   | 1-body 19"<br>swing rack   | No. of U | 1-body 19"<br>fixed rack | No. of U | 2-body 19"<br>fixed rack | No. of U | Glazed door   | Plain door    | Fixed rack <sup>(4)</sup> | No. of U | Swing rack <sup>(4)</sup> | No. of U |
|            |     |     | 300  | 600      | 380                      | -        | -                        | -        | -   | NSYVD2M5U4    | 5                         | -        | -                         | -        |
| 300        | 600 | 400 | NSYVDM4U4P   | 4        | NSYVDM5U4F               | 5        | -                        | -        | -   | -             | -                         | -        | -                         | -        |
| 300        | 600 | 480 | -  | -        | -                        | -        | NSYVD2M5U5               | 5        | -   | -             | -                         | -        | -                         | -        |
| 400        | 600 | 250 | -  | -        | -                        | -        | -                        | -        | NSYCRN46250T  | NSYCRN46250   | NSYVDM8UF                 | 8        | NSYVDM7UP                 | 7        |
| 400        | 600 | 300 | -  | -        | -                        | -        | -                        | -        | NSYCRN46300T  | NSYCRN46300   | NSYVDM8UF                 | 8        | NSYVDM7UP                 | 7        |
| 400        | 600 | 380 | -  | -        | -                        | -        | NSYVD2M8U4               | 8        | -   | -             | -                         | -        | -                         | -        |
| 400        | 600 | 400 | NSYVDM7U4P   | 7        | NSYVDM8U4F               | 8        | -                        | -        | -   | -             | -                         | -        | -                         | -        |
| 400        | 600 | 480 | -  | -        | -                        | -        | NSYVD2M8U5               | 8        | -   | -             | -                         | -        | -                         | -        |
| 500        | 600 | 380 | -  | -        | -                        | -        | NSYVD2M10U4              | 10       | -   | -             | -                         | -        | -                         | -        |
| 500        | 600 | 400 | NSYVDM9U4P   | 9        | NSYVDM10U4F              | 10       | -                        | -        | -   | -             | -                         | -        | -                         | -        |
| 500        | 600 | 480 | -  | -        | -                        | -        | NSYVD2M10U5              | 10       | -   | -             | -                         | -        | -                         | -        |
| 600        | 600 | 200 | -  | -        | -                        | -        | -                        | -        | NSYCRN66200T  | NSYCRN66200   | NSYVDM12UF                | 12       | NSYVDM11UP                | 11       |
| 600        | 600 | 250 | -  | -        | -                        | -        | -                        | -        | NSYCRN66250T  | NSYCRN66250   | NSYVDM12UF                | 12       | NSYVDM11UP                | 11       |
| 600        | 600 | 300 | -  | -        | -                        | -        | -                        | -        | NSYCRN66300T  | NSYCRN66300   | NSYVDM12UF                | 12       | NSYVDM11UP                | 11       |
| 700        | 600 | 380 | -  | -        | -                        | -        | NSYVD2M14U4              | 14       | -   | -             | -                         | -        | -                         | -        |
| 700        | 600 | 400 | NSYVDM13U4P  | 13       | NSYVDM14U4F              | 14       | -                        | -        | -   | -             | -                         | -        | -                         | -        |
| 700        | 600 | 480 | -  | -        | -                        | -        | NSYVD2M14U5              | 14       | -   | -             | -                         | -        | -                         | -        |
| 800        | 800 | 200 | -  | -        | -                        | -        | -                        | -        | NSYCRN86200T  | NSYCRN86200   | NSYVDM17UF                | 17       | NSYVDM16UP                | 16       |
| 800        | 800 | 250 | -  | -        | -                        | -        | -                        | -        | NSYCRN86250T  | NSYCRN86250   | NSYVDM17UF                | 17       | NSYVDM16UP                | 16       |
| 800        | 600 | 300 | -  | -        | -                        | -        | -                        | -        | NSYCRN86300T  | NSYCRN86300   | NSYVDM17UF                | 17       | NSYVDM16UP                | 16       |
| 800        | 600 | 380 | -  | -        | -                        | -        | NSYVD2M17U4              | 17       | -   | -             | -                         | -        | -                         | -        |
| 800        | 600 | 400 | NSYVDM16U4P  | 16       | NSYVDM17U4F              | 17       | -                        | -        | NSYCRNG86400T   | NSYCRNG86400  | NSYVDM17UF                | 17       | NSYVDM16UP                | 16       |
| 800        | 600 | 480 | -  | -        | -                        | -        | NSYVD2M17U5              | 17       | -   | -             | -                         | -        | -                         | -        |
| 1000       | 600 | 250 | -  | -        | -                        | -        | -                        | -        | NSYCRN106250T   | NSYCRN106250  | NSYVDM21UF                | 21       | NSYVDM20UP                | 20       |
| 1000       | 600 | 300 | -  | -        | -                        | -        | -                        | -        | NSYCRN106300T   | NSYCRN106300  | NSYVDM21UF                | 21       | NSYVDM20UP                | -        |
| 1000       | 600 | 400 | -  | -        | -                        | -        | -                        | -        | NSYCRNG106400T  | NSYCRNG106400 | NSYVDM21UF                | 21       | NSYVDM20UP                | 20       |
| 1000       | 800 | 250 | -  | -        | -                        | -        | -                        | -        | NSYCRN108250T   | NSYCRN108250  | -                         | -        | NSYVDM20U8P               | 20       |
| 1000       | 800 | 300 | -  | -        | -                        | -        | -                        | -        | NSYCRN108300T   | NSYCRN108300  | -                         | -        | NSYVDM20U8P               | 20       |
| 1000       | 800 | 400 | -  | -        | -                        | -        | -                        | -        | NSYCRNG108400T  | NSYCRNG108400 | -                         | -        | NSYVDM20U8P               | 20       |
| 1200       | 800 | 300 | -  | -        | -                        | -        | -                        | -        | NSYCRNG128300T  | NSYCRNG128300 | -                         | -        | NSYVDM25U8P               | 25       |
| 1200       | 800 | 400 | -  | -        | -                        | -        | -                        | -        | NSYCRNG128400T  | NSYCRNG128400 | -                         | -        | NSYVDM25U8P               | 25       |

(1) Plain door, please consult us.  
(2) IP55 for the double-door enclosures.

(3) IK08 for the glazed-door enclosures.  
(4) The racks are to be ordered separately.



Spacial S3D 6G Enclosures for seismic & nuclear

> Consult the catalog

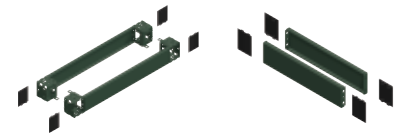
For more information, consult Universal Enclosures general catalog

| Dimensions |     |     | Enclosures for explosive atmospheres              | Electromagnetic protected steel enclosures |
|------------|-----|-----|---|--|
| H          | W   | D   | S3DEX (empty enclosure)<br>IP66 - IK10 - RAL 7035 | S3HF*<br>IP55 - IK10 - RAL 7035            |
|            |     |     | 300   | 200  |
| 300        | 300 | 200 | NSYS3DEX3320                                      | -  |
| 400        | 300 | 200 | NSYS3DEX4320                                      | NSYS3HF4320P                               |
| 400        | 400 | 200 | NSYS3DEX4420                                      | -  |
| 400        | 600 | 200 | -   | NSYS3HF4620P                               |
| 500        | 400 | 200 | NSYS3DEX5420                                      | NSYS3HF5420P                               |
| 600        | 400 | 200 | -   | NSYS3HF6420P                               |
| 600        | 400 | 250 | NSYS3DEX6425                                      | -  |
| 600        | 600 | 250 | NSYS3DEX6625                                      | NSYS3HF6625P                               |
| 700        | 500 | 250 | NSYS3DEX7525                                      | NSYS3HF7525P                               |
| 800        | 600 | 300 | NSYS3DEX8630                                      | NSYS3HF8630P                               |
| 1000       | 800 | 300 | NSYS3DEX10830                                     | NSYS3HF10830P                              |
| 1200       | 800 | 300 | -   | NSYS3HF12830P                              |



\* Delivered with a plain mounting plate.  
Fixing lugs, ref. NSYPPFCR to be ordered separately (1 set of 4 lugs).

## Spacial SM compact enclosures



| Nominal dimensions (mm) |      |     | No. of doors | Spacial SM<br>IP55 - IK10 <sup>(1)</sup> - RAL 7035 |                        |                        | Plinth                             |                   |
|-------------------------|------|-----|--------------|---|------------------------|------------------------|------------------------------------|-------------------|
|                         |      |     |              | Plain door  |                        | Transparent door       | Height 100 mm                      |                   |
| H                       | W    | D   |              | With mounting plate                                 | Without mounting plate | Without mounting plate | Front kit (corners + front panels) | Side panels, 2 u. |
| 1200                    | 800  | 300 | 1            | NSYSM12830P   | NSYSM12830             | -                      | NSYSPPF8100                        | NSYSPPS3100       |
| 1200                    | 1000 | 300 | 2            | NSYSM1210302DP                                      | NSYSM1210302D          | -                      | NSYSPPF10100                       | NSYSPPS3100       |
| 1200                    | 1200 | 400 | 2            | NSYSM1212402DP                                      | NSYSM1212402D          | -                      | NSYSPPF12100                       | NSYSPPS4100       |
| 1400                    | 600  | 300 | 1            | NSYSM14630P   | NSYSM14630             | -                      | NSYSPPF6100                        | NSYSPPS3100       |
| 1400                    | 600  | 400 | 1            | NSYSM14640P   | NSYSM14640             | -                      | NSYSPPF6100                        | NSYSPPS4100       |
| 1400                    | 800  | 300 | 1            | NSYSM14830P   | NSYSM14830             | -                      | NSYSPPF8100                        | NSYSPPS3100       |
| 1400                    | 800  | 400 | 1            | NSYSM14840P   | NSYSM14840             | NSYSM14840T            | NSYSPPF8100                        | NSYSPPS4100       |
| 1400                    | 1000 | 400 | 2            | NSYSM1410402DP                                      | NSYSM1410402D          | -                      | NSYSPPF10100                       | NSYSPPS4100       |
| 1400                    | 1200 | 400 | 2            | NSYSM1412402DP                                      | NSYSM1412402D          | -                      | NSYSPPF12100                       | NSYSPPS4100       |
| 1600                    | 600  | 300 | 1            | NSYSM16630P   | NSYSM16630             | -                      | NSYSPPF6100                        | NSYSPPS3100       |
| 1600                    | 600  | 400 | 1            | NSYSM16640P   | NSYSM16640             | NSYSM16640T            | NSYSPPF6100                        | NSYSPPS4100       |
| 1600                    | 800  | 300 | 1            | NSYSM16830P   | NSYSM16830             | NSYSM16830T            | NSYSPPF8100                        | NSYSPPS3100       |
| 1600                    | 800  | 400 | 1            | NSYSM16840P   | NSYSM16840             | NSYSM16840T            | NSYSPPF8100                        | NSYSPPS4100       |
| 1600                    | 1000 | 300 | 2            | NSYSM1610302DP                                      | NSYSM1610302D          | -                      | NSYSPPF10100                       | NSYSPPS3100       |
| 1600                    | 1000 | 400 | 2            | NSYSM1610402DP                                      | NSYSM1610402D          | -                      | NSYSPPF10100                       | NSYSPPS4100       |
| 1600                    | 1200 | 300 | 2            | NSYSM1612302DP                                      | NSYSM1612302D          | -                      | NSYSPPF12100                       | NSYSPPS3100       |
| 1600                    | 1200 | 400 | 2            | NSYSM1612402DP                                      | NSYSM1612402D          | -                      | NSYSPPF12100                       | NSYSPPS4100       |
| 1800                    | 600  | 300 | 1            | NSYSM18630P   | NSYSM18630             | -                      | NSYSPPF6100                        | NSYSPPS3100       |
| 1800                    | 600  | 400 | 1            | NSYSM18640P   | NSYSM18640             | NSYSM18640T            | NSYSPPF6100                        | NSYSPPS4100       |
| 1800                    | 600  | 500 | 1            | NSYSM18650P   | NSYSM18650             | -                      | NSYSPPF6100                        | NSYSPPS5100       |
| 1800                    | 600  | 600 | -            | -   | -                      | -                      | -                                  | -                 |
| 1800                    | 800  | 300 | 1            | NSYSM18830P   | NSYSM18830             | NSYSM18830T            | NSYSPPF8100                        | NSYSPPS3100       |
| 1800                    | 800  | 400 | 1            | NSYSM18840P   | NSYSM18840             | NSYSM18840T            | NSYSPPF8100                        | NSYSPPS4100       |
| 1800                    | 800  | 500 | 1            | NSYSM18850P   | NSYSM18850             | NSYSM18850T            | NSYSPPF8100                        | NSYSPPS5100       |
| 1800                    | 800  | 600 | 1            | NSYSM18860P   | NSYSM18860             | -                      | NSYSPPF8100                        | NSYSPPS6100       |
| 1800                    | 1000 | 400 | 1            | NSYSM181040P  | NSYSM181040            | -                      | NSYSPPF10100                       | NSYSPPS4100       |
| 1800                    | 1000 | 400 | 2            | NSYSM1810402DP                                      | NSYSM1810402D          | -                      | NSYSPPF10100                       | NSYSPPS4100       |
| 1800                    | 1000 | 500 | 2            | NSYSM1810502DP                                      | NSYSM1810502D          | -                      | NSYSPPF10100                       | NSYSPPS5100       |
| 1800                    | 1200 | 400 | 2            | NSYSM1812402DP                                      | NSYSM1812402D          | -                      | NSYSPPF12100                       | NSYSPPS4100       |
| 1800                    | 1200 | 500 | 2            | NSYSM1812502DP                                      | NSYSM1812502D          | -                      | NSYSPPF12100                       | NSYSPPS5100       |
| 1800                    | 1600 | 400 | 2            | NSYSM1816402DP                                      | NSYSM1816402D          | -                      | NSYSPPF16100                       | NSYSPPS4100       |
| 1800                    | 1600 | 500 | 2            | NSYSM1816502DP                                      | NSYSM1816502D          | -                      | NSYSPPF16100                       | NSYSPPS5100       |
| 2000                    | 600  | 300 | 1            | NSYSM20630P   | NSYSM20630             | -                      | NSYSPPF6100                        | NSYSPPS3100       |
| 2000                    | 600  | 400 | 1            | NSYSM20640P   | NSYSM20640             | NSYSM20640T            | NSYSPPF6100                        | NSYSPPS4100       |
| 2000                    | 600  | 500 | 1            | NSYSM20650P   | NSYSM20650             | -                      | NSYSPPF6100                        | NSYSPPS5100       |
| 2000                    | 800  | 300 | 1            | NSYSM20830P   | NSYSM20830             | NSYSM20830T            | NSYSPPF8100                        | NSYSPPS3100       |
| 2000                    | 800  | 400 | 1            | NSYSM20840P   | NSYSM20840             | NSYSM20840T            | NSYSPPF8100                        | NSYSPPS4100       |
| 2000                    | 800  | 500 | 1            | NSYSM20850P   | NSYSM20850             | NSYSM20850T            | NSYSPPF8100                        | NSYSPPS5100       |
| 2000                    | 800  | 600 | 1            | NSYSM20860P   | NSYSM20860             | NSYSM20860T            | NSYSPPF8100                        | NSYSPPS6100       |
| 2000                    | 1000 | 400 | 2            | NSYSM2010402DP                                      | NSYSM2010402D          | -                      | NSYSPPF10100                       | NSYSPPS4100       |
| 2000                    | 1000 | 500 | 2            | NSYSM2010502DP                                      | NSYSM2010502D          | -                      | NSYSPPF10100                       | NSYSPPS5100       |
| 2000                    | 1200 | 400 | 2            | NSYSM2012402DP                                      | NSYSM2012402D          | -                      | NSYSPPF12100                       | NSYSPPS4100       |
| 2000                    | 1200 | 500 | 2            | NSYSM2012502DP                                      | NSYSM2012502D          | -                      | NSYSPPF12100                       | NSYSPPS5100       |
| 2000                    | 1200 | 600 | 2            | NSYSM2012602DP                                      | NSYSM2012602D          | -                      | NSYSPPF12100                       | NSYSPPS6100       |
| 2000                    | 1600 | 400 | 2            | NSYSM2016402DP                                      | NSYSM2016402D          | -                      | NSYSPPF16100                       | NSYSPPS4100       |
| 2000                    | 1600 | 500 | 2            | NSYSM2016502DP                                      | NSYSM2016502D          | -                      | NSYSPPF16100                       | NSYSPPS5100       |
| 2000                    | 1600 | 600 | 2            | NSYSM2016602DP                                      | NSYSM2016602D          | -                      | NSYSPPF16100                       | NSYSPPS6100       |

(1) Transparent doors: IK08.



| Plinth                             |                   | Inner door | Canopy     | Plain cable-gland plate |
|------------------------------------|-------------------|------------|------------|-------------------------|
| Height 200 mm                      |                   |            |            |                         |
| Front kit (corners + front panels) | Side panels, 4 u. |            |            |                         |
| NSYSPF8200                         | NSYSPS3200        | -          | NSYSC830   | NSYSMEC83               |
| NSYSPF10200                        | NSYSPS3200        | -          | NSYSC1030  | NSYSMEC103              |
| NSYSPF12200                        | NSYSPS4200        | -          | NSYSC1240  | 2 x NSYSMEC64           |
| NSYSPF6200                         | NSYSPS3200        | -          | NSYSC630   | NSYSMEC63               |
| NSYSPF6200                         | NSYSPS4200        | -          | NSYSC640   | NSYSMEC64               |
| NSYSPF8200                         | NSYSPS3200        | -          | NSYSC830   | NSYSMEC83               |
| NSYSPF8200                         | NSYSPS4200        | -          | NSYSC840   | NSYSMEC84               |
| NSYSPF10200                        | NSYSPS4200        | -          | NSYSC1040  | NSYSMEC104              |
| NSYSPF12200                        | NSYSPS4200        | -          | NSYSC1240  | 2 x NSYSMEC64           |
| NSYSPF6200                         | NSYSPS3200        | NSYID166   | NSYSC630   | NSYSMEC63               |
| NSYSPF6200                         | NSYSPS4200        | NSYID166   | NSYSC640   | NSYSMEC64               |
| NSYSPF8200                         | NSYSPS3200        | NSYID168   | NSYSC830   | NSYSMEC83               |
| NSYSPF8200                         | NSYSPS4200        | NSYID168   | NSYSC840   | NSYSMEC84               |
| NSYSPF10200                        | NSYSPS3200        | -          | NSYSC1030  | NSYSMEC103              |
| NSYSPF10200                        | NSYSPS4200        | -          | NSYSC1040  | NSYSMEC104              |
| NSYSPF12200                        | NSYSPS3200        | -          | NSYSC1230  | 2 x NSYSMEC63           |
| NSYSPF12200                        | NSYSPS4200        | -          | NSYSC12400 | 2 x NSYSMEC64           |
| NSYSPF6200                         | NSYSPS3200        | NSYID186   | NSYSC630   | NSYSMEC63               |
| NSYSPF6200                         | NSYSPS4200        | NSYID186   | NSYSC640   | NSYSMEC64               |
| NSYSPF6200                         | NSYSPS5200        | NSYID186   | NSYSC650   | NSYSMEC65               |
| -                                  | -                 | -          | -          | -                       |
| NSYSPF8200                         | NSYSPS3200        | NSYID188   | NSYSC830   | NSYSMEC83               |
| NSYSPF8200                         | NSYSPS4200        | NSYID188   | NSYSC840   | NSYSMEC84               |
| NSYSPF8200                         | NSYSPS5200        | NSYID188   | NSYSC850   | NSYSMEC85               |
| NSYSPF8200                         | NSYSPS6200        | NSYID188   | NSYSC8600  | NSYSMEC86               |
| NSYSPF10200                        | NSYSPS4200        | NSYID1810  | NSYSC1040  | NSYSMEC104              |
| NSYSPF10200                        | NSYSPS4200        | NSYID1810  | NSYSC1040  | NSYSMEC104              |
| NSYSPF10200                        | NSYSPS5200        | NSYID1810  | NSYSC1050  | NSYSMEC105              |
| NSYSPF12200                        | NSYSPS4200        | -          | NSYSC1240  | 2 x NSYSMEC64           |
| NSYSPF12200                        | NSYSPS5200        | -          | NSYSC1250  | 2 x NSYSMEC65           |
| NSYSPF16200                        | NSYSPS4200        | -          | NSYSC1640  | -                       |
| NSYSPF16200                        | NSYSPS5200        | -          | NSYSC10650 | 2 x NSYSMEC85           |
| NSYSPF6200                         | NSYSPS3200        | NSYID206   | NSYSC630   | NSYSMEC63               |
| NSYSPF6200                         | NSYSPS4200        | NSYID206   | NSYSC640   | NSYSMEC64               |
| NSYSPF6200                         | NSYSPS5200        | NSYID206   | NSYSC650   | NSYSMEC65               |
| NSYSPF8200                         | NSYSPS3200        | NSYID208   | NSYSC830   | NSYSMEC83               |
| NSYSPF8200                         | NSYSPS4200        | NSYID208   | NSYSC840   | NSYSMEC84               |
| NSYSPF8200                         | NSYSPS5200        | NSYID208   | NSYSC850   | NSYSMEC85               |
| NSYSPF8200                         | NSYSPS6200        | NSYID208   | NSYSC860   | NSYSMEC86               |
| NSYSPF10200                        | NSYSPS4200        | NSYID2010  | NSYSC1040  | NSYSMEC104              |
| NSYSPF10200                        | NSYSPS5200        | NSYID2010  | NSYSC1050  | NSYSMEC105              |
| NSYSPF12200                        | NSYSPS4200        | -          | NSYSC1240  | 2 x NSYSMEC64           |
| NSYSPF12200                        | NSYSPS5200        | -          | NSYSC1250  | 2 x NSYSMEC65           |
| NSYSPF12200                        | NSYSPS6200        | -          | NSYSC1260  | 2 x NSYSMEC66           |
| NSYSPF16200                        | NSYSPS4200        | -          | NSYSC1640  | -                       |
| NSYSPF16200                        | NSYSPS5200        | -          | NSYSC1650  | 2 x NSYSMEC85           |
| NSYSPF16200                        | NSYSPS6200        | -          | NSYSC1660  | 2 x NSYSMEC66           |

## Lock systems for SM, SF

Handle for shape inserts and cylindrical barrels



Reference

NSYSFHS1

## Shape inserts



| Description              | References |
|--------------------------|------------|
| 6-mm square insert       | NSYINS61   |
| 6.5-mm triangular insert | NSYINT61   |

## Push button



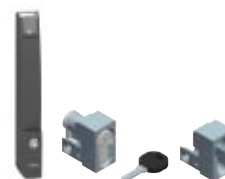
| Description | Reference  |
|-------------|------------|
| Push button | NSYINPULS1 |

## Cylindrical barrels



| Cylindrical barrels | References  |
|---------------------|-------------|
| 405E key lock       | NSYIN405E1  |
| 455 key lock        | NSYIN4551   |
| 1242E key lock      | NSYIN1242E1 |
| 2433A key lock      | NSYIN2433A1 |
| 3131A1 key lock     | NSYIN3131A1 |
| 3432E key lock      | NSYIN3432E1 |
| 6101 key lock       | NSYIN6101   |
| E1 keyless lock     | NSYINE11    |

## Handle and Inserts type DIN, KABA and ASSA



| Description                              | References |
|--|------------|
| Adapter for DIN cylinder                 | NSYINDIN2  |
| Adapter for KABA cylinder <sup>(1)</sup> | NSYINKBA2  |
| Adapter for ASSA cylinder                | NSYINASSA2 |
| Handle for DIN, KABA, ASSA               | NSYSFHD2   |

(1) Adapter for receiving the KABA8, KABA20 and KABA start cylinders.

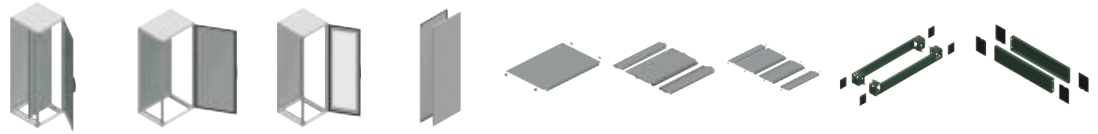
## Eyebolts



Reference

NSYSMEB

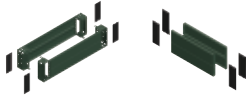
## Spacial SF suitable enclosures



| Nominal dimensions (mm) |      |     | No. of doors        | Spacial SF IP55 - IK10 <sup>(1)</sup> - RAL 7035 |                        |                  | Side panels | Cable-entry plate |           |           | Plinth        |                                    |
|-------------------------|------|-----|---------------------|--|------------------------|------------------|-------------|-------------------|-----------|-----------|---------------|------------------------------------|
|                         |      |     |                     | Plain door                                       |                        | Transparent door |             | Plain             | 1 entry   | 2 entries | Height 100 mm |                                    |
| H                       | W    | D   | With mounting plate | Without mounting plate                           | Without mounting plate |                  |             |                   |           |           |               | Front kit (corners + front panels) |
| 1200                    | 600  | 400 | 1                   | NSYSF12640P                                      | NSYSF12640             | -                | NSY2SP124   | NSYEC64           | NSYEC641  | -         | NSYSPF6100    | NSYSPS4100                         |
| 1200                    | 600  | 600 | 1                   | NSYSF12660P                                      | NSYSF12660             | -                | NSY2SP126   | NSYEC66           | NSYEC661  | NSYEC662  | NSYSPF6100    | NSYSPS6100                         |
| 1200                    | 800  | 400 | 1                   | NSYSF12840P                                      | NSYSF12840             | -                | NSY2SP124   | NSYEC84           | NSYEC841  | -         | NSYSPF8100    | NSYSPS4100                         |
| 1200                    | 800  | 600 | 1                   | NSYSF12860P                                      | NSYSF12860             | -                | NSY2SP126   | NSYEC86           | NSYEC861  | NSYEC862  | NSYSPF8100    | NSYSPS6100                         |
| 1400                    | 600  | 400 | 1                   | NSYSF14640P                                      | NSYSF14640             | -                | NSY2SP144   | NSYEC64           | NSYEC641  | -         | NSYSPF6100    | NSYSPS4100                         |
| 1400                    | 800  | 400 | 1                   | NSYSF14840P                                      | NSYSF14840             | -                | NSY2SP144   | NSYEC84           | NSYEC841  | -         | NSYSPF8100    | NSYSPS4100                         |
| 1600                    | 600  | 600 | 1                   | NSYSF16660P                                      | NSYSF16660             | -                | NSY2SP166   | NSYEC66           | NSYEC661  | NSYEC662  | NSYSPF6100    | NSYSPS6100                         |
| 1600                    | 600  | 800 | 1                   | NSYSF16680P                                      | NSYSF16680             | -                | NSY2SP168   | NSYEC68           | NSYEC681  | NSYEC682  | NSYSPF6100    | NSYSPS8100                         |
| 1600                    | 800  | 600 | 1                   | NSYSF16860P                                      | NSYSF16860             | -                | NSY2SP166   | NSYEC86           | NSYEC861  | NSYEC862  | NSYSPF8100    | NSYSPS6100                         |
| 1600                    | 800  | 800 | 1                   | NSYSF16880P                                      | NSYSF16880             | -                | NSY2SP168   | NSYEC88           | NSYEC881  | NSYEC882  | NSYSPF8100    | NSYSPS8100                         |
| 1800                    | 400  | 400 | 1                   | -  | NSYSF18440             | -                | NSY2SP184   | NSYEC44           | NSYEC441  | -         | NSYSPF4100    | NSYSPS4100                         |
| 1800                    | 400  | 500 | 1                   | -  | NSYSF18450             | -                | NSY2SP185   | NSYEC45           | NSYEC451  | -         | NSYSPF4100    | NSYSPS5100                         |
| 1800                    | 400  | 600 | 1                   | -  | NSYSF18460             | -                | NSY2SP186   | -                 | NSYEC461  | -         | NSYSPF4100    | NSYSPS6100                         |
| 1800                    | 600  | 400 | 1                   | NSYSF18640P                                      | NSYSF18640             | NSYSF18640T      | NSY2SP184   | NSYEC64           | NSYEC641  | -         | NSYSPF6100    | NSYSPS4100                         |
| 1800                    | 600  | 500 | 1                   | NSYSF18650P                                      | NSYSF18650             | NSYSF18650T      | NSY2SP185   | NSYEC65           | NSYEC651  | -         | NSYSPF6100    | NSYSPS5100                         |
| 1800                    | 600  | 600 | 1                   | NSYSF18660P                                      | NSYSF18660             | -                | NSY2SP186   | NSYEC66           | NSYEC661  | NSYEC662  | NSYSPF6100    | NSYSPS6100                         |
| 1800                    | 600  | 800 | 1                   | -  | -                      | NSYSF18680T      | NSY2SP188   | NSYEC68           | NSYEC681  | NSYEC682  | NSYSPF6100    | NSYSPS8100                         |
| 1800                    | 800  | 400 | 1                   | NSYSF18840P                                      | NSYSF18840             | NSYSF18840T      | NSY2SP184   | NSYEC84           | NSYEC841  | -         | NSYSPF8100    | NSYSPS4100                         |
| 1800                    | 800  | 500 | 1                   | NSYSF18850P                                      | NSYSF18850             | NSYSF18850T      | NSY2SP185   | NSYEC85           | NSYEC851  | -         | NSYSPF8100    | NSYSPS5100                         |
| 1800                    | 800  | 600 | 1                   | NSYSF18860P                                      | NSYSF18860             | NSYSF18860T      | NSY2SP186   | NSYEC86           | NSYEC861  | NSYEC862  | NSYSPF8100    | NSYSPS6100                         |
| 1800                    | 800  | 600 | 2                   | NSYSF188602DP                                    | NSYSF188602D           | -                | NSY2SP186   | NSYEC86           | NSYEC861  | NSYEC862  | NSYSPF8100    | NSYSPS6100                         |
| 1800                    | 1000 | 400 | 1                   | NSYSF181040P                                     | NSYSF181040            | -                | NSY2SP184   | NSYEC104          | NSYEC1041 | -         | NSYSPF10100   | NSYSPS4100                         |
| 1800                    | 1000 | 400 | 2                   | NSYSF1810402DP                                   | NSYSF1810402D          | -                | NSY2SP184   | NSYEC104          | NSYEC1041 | -         | NSYSPF10100   | NSYSPS4100                         |
| 1800                    | 1000 | 500 | 1                   | NSYSF181050P                                     | NSYSF181050            | -                | NSY2SP185   | NSYEC105          | NSYEC1051 | -         | NSYSPF10100   | NSYSPS5100                         |
| 1800                    | 1000 | 600 | 1                   | NSYSF181060P                                     | NSYSF181060            | -                | NSY2SP186   | NSYEC106          | NSYEC1061 | NSYEC1062 | NSYSPF10100   | NSYSPS6100                         |
| 1800                    | 1000 | 600 | 2                   | NSYSF1810602DP                                   | NSYSF1810602D          | -                | NSY2SP186   | NSYEC106          | NSYEC1061 | NSYEC1062 | NSYSPF10100   | NSYSPS6100                         |
| 1800                    | 1200 | 400 | 2                   | NSYSF1812402DP                                   | NSYSF1812402D          | -                | NSY2SP184   | NSYEC124          | NSYEC1241 | -         | NSYSPF12100   | NSYSPS4100                         |
| 1800                    | 1200 | 500 | 2                   | NSYSF1812502DP                                   | NSYSF1812502D          | -                | NSY2SP185   | NSYEC125          | NSYEC1251 | -         | NSYSPF12100   | NSYSPS5100                         |
| 1800                    | 1200 | 600 | 2                   | NSYSF1812602DP                                   | NSYSF1812602D          | -                | NSY2SP186   | NSYEC126          | NSYEC1261 | NSYEC1262 | NSYSPF12100   | NSYSPS6100                         |
| 2000                    | 300  | 500 | 1                   | -  | NSYSF20350             | -                | NSY2SP205   | NSYEC35           | NSYEC351  | -         | NSYSPF3100    | NSYSPS5100                         |
| 2000                    | 300  | 600 | 1                   | -  | NSYSF20360             | -                | NSY2SP206   | NSYEC36           | NSYEC361  | -         | NSYSPF3100    | NSYSPS6100                         |
| 2000                    | 300  | 800 | 1                   | -  | NSYSF20380             | -                | NSY2SP208   | -                 | NSYEC381  | -         | NSYSPF3100    | NSYSPS8100                         |
| 2000                    | 400  | 400 | 1                   | -  | NSYSF20440             | -                | NSY2SP204   | NSYEC44           | NSYEC441  | -         | NSYSPF4100    | NSYSPS4100                         |
| 2000                    | 400  | 500 | 1                   | -  | NSYSF20450             | -                | NSY2SP205   | NSYEC45           | NSYEC451  | -         | NSYSPF4100    | NSYSPS5100                         |
| 2000                    | 400  | 600 | 1                   | -  | NSYSF20460             | -                | NSY2SP206   | -                 | NSYEC461  | -         | NSYSPF4100    | NSYSPS6100                         |
| 2000                    | 400  | 800 | 1                   | -  | NSYSF20480             | -                | NSY2SP208   | -                 | NSYEC481  | -         | NSYSPF4100    | NSYSPS8100                         |
| 2000                    | 600  | 400 | 1                   | NSYSF20640P                                      | NSYSF20640             | NSYSF20640T      | NSY2SP204   | NSYEC64           | NSYEC641  | -         | NSYSPF6100    | NSYSPS4100                         |
| 2000                    | 600  | 500 | 1                   | NSYSF20650P                                      | NSYSF20650             | NSYSF20650T      | NSY2SP205   | NSYEC65           | NSYEC651  | -         | NSYSPF6100    | NSYSPS5100                         |
| 2000                    | 600  | 600 | 1                   | NSYSF20660P                                      | NSYSF20660             | -                | NSY2SP206   | NSYEC66           | NSYEC661  | NSYEC662  | NSYSPF6100    | NSYSPS6100                         |
| 2000                    | 600  | 800 | 1                   | NSYSF20680P                                      | NSYSF20680             | -                | NSY2SP208   | NSYEC68           | NSYEC681  | NSYEC682  | NSYSPF6100    | NSYSPS8100                         |
| 2000                    | 800  | 400 | 1                   | NSYSF20840P                                      | NSYSF20840             | NSYSF20840T      | NSY2SP204   | NSYEC84           | NSYEC841  | -         | NSYSPF8100    | NSYSPS4100                         |
| 2000                    | 800  | 500 | 1                   | NSYSF20850P                                      | NSYSF20850             | NSYSF20850T      | NSY2SP205   | NSYEC85           | NSYEC851  | -         | NSYSPF8100    | NSYSPS5100                         |
| 2000                    | 800  | 600 | 1                   | NSYSF20860P                                      | NSYSF20860             | NSYSF20860T      | NSY2SP206   | NSYEC86           | NSYEC861  | NSYEC862  | NSYSPF8100    | NSYSPS6100                         |
| 2000                    | 800  | 600 | 2                   | NSYSF208602DP                                    | NSYSF208602D           | -                | NSY2SP206   | NSYEC86           | NSYEC861  | NSYEC862  | NSYSPF8100    | NSYSPS6100                         |
| 2000                    | 800  | 800 | 1                   | NSYSF20880P                                      | NSYSF20880             | NSYSF20880T      | NSY2SP208   | NSYEC88           | NSYEC881  | NSYEC882  | NSYSPF8100    | NSYSPS8100                         |
| 2000                    | 1000 | 400 | 1                   | NSYSF201040P                                     | NSYSF201040            | NSYSF201040T     | NSY2SP204   | NSYEC104          | NSYEC1041 | -         | NSYSPF10100   | NSYSPS4100                         |
| 2000                    | 1000 | 400 | 2                   | NSYSF2010402DP                                   | NSYSF2010402D          | -                | NSY2SP204   | NSYEC104          | NSYEC1041 | -         | NSYSPF10100   | NSYSPS4100                         |
| 2000                    | 1000 | 500 | 1                   | NSYSF201050P                                     | NSYSF201050            | NSYSF201050T     | NSY2SP205   | NSYEC105          | NSYEC1051 | -         | NSYSPF10100   | NSYSPS5100                         |
| 2000                    | 1000 | 500 | 2                   | NSYSF2010502DP                                   | NSYSF2010502D          | -                | NSY2SP205   | NSYEC105          | NSYEC1051 | -         | NSYSPF10100   | NSYSPS5100                         |
| 2000                    | 1000 | 600 | 1                   | NSYSF201060P                                     | NSYSF201060            | NSYSF201060T     | NSY2SP206   | NSYEC106          | NSYEC1061 | NSYEC1062 | NSYSPF10100   | NSYSPS6100                         |
| 2000                    | 1000 | 600 | 2                   | NSYSF2010602DP                                   | NSYSF2010602D          | -                | NSY2SP206   | NSYEC106          | NSYEC1061 | NSYEC1062 | NSYSPF10100   | NSYSPS6100                         |
| 2000                    | 1000 | 800 | 1                   | NSYSF201080P                                     | NSYSF201080            | -                | NSY2SP208   | NSYEC108          | NSYEC1081 | NSYEC1082 | NSYSPF10100   | NSYSPS8100                         |
| 2000                    | 1200 | 400 | 2                   | NSYSF2012402DP                                   | NSYSF2012402D          | -                | NSY2SP204   | NSYEC124          | NSYEC1241 | -         | NSYSPF12100   | NSYSPS4100                         |
| 2000                    | 1200 | 500 | 2                   | NSYSF2012502DP                                   | NSYSF2012502D          | -                | NSY2SP205   | NSYEC125          | NSYEC1251 | -         | NSYSPF12100   | NSYSPS5100                         |
| 2000                    | 1200 | 600 | 2                   | NSYSF2012602DP                                   | NSYSF2012602D          | -                | NSY2SP206   | NSYEC126          | NSYEC1261 | NSYEC1262 | NSYSPF12100   | NSYSPS6100                         |
| 2000                    | 1200 | 800 | 2                   | NSYSF2012802DP                                   | NSYSF2012802D          | -                | NSY2SP208   | NSYEC128          | NSYEC1281 | NSYEC1282 | NSYSPF12100   | NSYSPS8100                         |
| 2000                    | 1600 | 400 | 2                   | NSYSF2016402DP                                   | NSYSF2016402D          | -                | NSY2SP204   | NSYEC164          | NSYEC1641 | -         | NSYSPF16100   | NSYSPS4100                         |
| 2000                    | 1600 | 500 | 2                   | NSYSF2016502DP                                   | NSYSF2016502D          | -                | NSY2SP205   | NSYEC165          | NSYEC1651 | -         | NSYSPF16100   | NSYSPS5100                         |
| 2000                    | 1600 | 600 | 2                   | NSYSF2016602DP                                   | NSYSF2016602D          | -                | NSY2SP206   | NSYEC166          | NSYEC1661 | NSYEC1662 | NSYSPF16100   | NSYSPS6100                         |
| 2200                    | 400  | 600 | 1                   | -  | NSYSF22460             | -                | NSY2SP226   | -                 | NSYEC461  | -         | NSYSPF4100    | NSYSPS6100                         |
| 2200                    | 600  | 600 | 1                   | NSYSF22660P                                      | NSYSF22660             | -                | NSY2SP226   | NSYEC66           | NSYEC661  | NSYEC662  | NSYSPF6100    | NSYSPS6100                         |
| 2200                    | 600  | 800 | 1                   | NSYSF22680P                                      | NSYSF22680             | -                | NSY2SP228   | NSYEC68           | NSYEC681  | NSYEC682  | NSYSPF6100    | NSYSPS8100                         |
| 2200                    | 800  | 600 | 1                   | NSYSF22860P                                      | NSYSF22860             | -                | NSY2SP226   | NSYEC86           | NSYEC861  | NSYEC862  | NSYSPF8100    | NSYSPS6100                         |
| 2200                    | 800  | 800 | 1                   | NSYSF22880P                                      | NSYSF22880             | NSYSF22880T      | NSY2SP228   | NSYEC88           | NSYEC881  | NSYEC882  | NSYSPF8100    | NSYSPS8100                         |
| 2200                    | 1000 | 600 | 1                   | NSYSF221060P                                     | NSYSF221060            | -                | NSY2SP226   | NSYEC106          | NSYEC1061 | NSYEC1062 | NSYSPF10100   | NSYSPS6100                         |
| 2200                    | 1200 | 600 | 2                   | NSYSF2212602DP                                   | NSYSF2212602D          | -                | NSY2SP226   | NSYEC126          | NSYEC1261 | NSYEC1262 | NSYSPF12100   | NSYSPS6100                         |
| 2200                    | 1200 | 800 | 2                   | NSYSF2212802DP                                   | NSYSF2212802D          | -                | NSY2SP228   | NSYEC128          | NSYEC1281 | NSYEC1282 | NSYSPF12100   | NSYSPS8100                         |

(1) Transparent doors: IK08.

## Outdoor Heavy Duty enclosures



| Plinth                             |                   |
|------------------------------------|-------------------|
| Height 200 mm                      |                   |
| Front kit (corners + front panels) | Side panels, 4 u. |
| NSYSPP6200                         | NSYSPS4200        |
| NSYSPP6200                         | NSYSPS6200        |
| NSYSPP8200                         | NSYSPS4200        |
| NSYSPP8200                         | NSYSPS6200        |
| NSYSPP6200                         | NSYSPS4200        |
| NSYSPP8200                         | NSYSPS4200        |
| NSYSPP6200                         | NSYSPS6200        |
| NSYSPP6200                         | NSYSPS8200        |
| NSYSPP8200                         | NSYSPS4200        |
| NSYSPP8200                         | NSYSPS5200        |
| NSYSPP6200                         | NSYSPS6200        |
| NSYSPP6200                         | NSYSPS4200        |
| NSYSPP8200                         | NSYSPS5200        |
| NSYSPP8200                         | NSYSPS6200        |
| NSYSPP8200                         | NSYSPS6200        |
| NSYSPP6200                         | NSYSPS8200        |
| NSYSPP8200                         | NSYSPS4200        |
| NSYSPP8200                         | NSYSPS5200        |
| NSYSPP8200                         | NSYSPS6200        |
| NSYSPP10200                        | NSYSPS4200        |
| NSYSPP10200                        | NSYSPS4200        |
| NSYSPP10200                        | NSYSPS5200        |
| NSYSPP10200                        | NSYSPS6200        |
| NSYSPP10200                        | NSYSPS6200        |
| NSYSPP12200                        | NSYSPS4200        |
| NSYSPP12200                        | NSYSPS5200        |
| NSYSPP12200                        | NSYSPS6200        |
| NSYSPP3200                         | NSYSPS5200        |
| NSYSPP3200                         | NSYSPS6200        |
| NSYSPP3200                         | NSYSPS8200        |
| NSYSPP4200                         | NSYSPS4200        |
| NSYSPP4200                         | NSYSPS5200        |
| NSYSPP4200                         | NSYSPS6200        |
| NSYSPP4200                         | NSYSPS8200        |
| NSYSPP6200                         | NSYSPS4200        |
| NSYSPP6200                         | NSYSPS5200        |
| NSYSPP6200                         | NSYSPS6200        |
| NSYSPP6200                         | NSYSPS8200        |
| NSYSPP8200                         | NSYSPS4200        |
| NSYSPP8200                         | NSYSPS5200        |
| NSYSPP8200                         | NSYSPS6200        |
| NSYSPP8200                         | NSYSPS6200        |
| NSYSPP8200                         | NSYSPS8200        |
| NSYSPP10200                        | NSYSPS4200        |
| NSYSPP10200                        | NSYSPS4200        |
| NSYSPP10200                        | NSYSPS5200        |
| NSYSPP10200                        | NSYSPS6200        |
| NSYSPP10200                        | NSYSPS6200        |
| NSYSPP10200                        | NSYSPS8200        |
| NSYSPP12200                        | NSYSPS4200        |
| NSYSPP12200                        | NSYSPS6200        |
| NSYSPP12200                        | NSYSPS8200        |
| NSYSPP16200                        | NSYSPS4200        |
| NSYSPP16200                        | NSYSPS5200        |
| NSYSPP16200                        | NSYSPS6200        |
| NSYSPP4200                         | NSYSPS6200        |
| NSYSPP6200                         | NSYSPS6200        |
| NSYSPP8200                         | NSYSPS6200        |
| NSYSPP8200                         | NSYSPS8200        |
| NSYSPP10200                        | NSYSPS6200        |
| NSYSPP12200                        | NSYSPS6200        |
| NSYSPP12200                        | NSYSPS8200        |

| External dimensions (mm) |      |     | Spacial SFHD<br>IP55 - IK10 - RAL 7035 |                 |                 |
|--------------------------|------|-----|--|-----------------|-----------------|
| H                        | W    | D   | Floor-standing enclosure               | Side panels     |                 |
|                          |      |     |  | External fixing | Internal fixing |
| 1262                     | 600  | 430 | NSYSFHD12640                           | NSY2SPHD124     | NSY2SPIHD124    |
| 1262                     | 800  | 430 | NSYSFHD12840                           | NSY2SPHD124     | NSY2SPIHD124    |
| 1262                     | 1200 | 430 | NSYSFHD1212402D                        | NSY2SPHD124     | NSY2SPIHD124    |
| 1281                     | 600  | 630 | NSYSFHD12660                           | NSY2SPHD126     | NSY2SPIHD126    |
| 1281                     | 800  | 630 | NSYSFHD12860                           | NSY2SPHD126     | NSY2SPIHD126    |
| 1281                     | 1200 | 630 | NSYSFHD1212602D                        | NSY2SPHD126     | NSY2SPIHD126    |
| 1662                     | 800  | 430 | NSYSFHD16840                           | NSY2SPHD164     | NSY2SPIHD164    |
| 1662                     | 1200 | 430 | NSYSFHD1612402D                        | NSY2SPHD164     | NSY2SPIHD164    |
| 1681                     | 600  | 630 | NSYSFHD16660                           | NSY2SPHD166     | NSY2SPIHD166    |
| 1681                     | 800  | 630 | NSYSFHD16860                           | NSY2SPHD166     | NSY2SPIHD166    |
| 1681                     | 1200 | 630 | NSYSFHD1612602D                        | NSY2SPHD166     | NSY2SPIHD166    |
| 2062                     | 800  | 430 | NSYSFHD20840                           | NSY2SPHD204     | NSY2SPIHD204    |

## Electromagnetic protected steel enclosures (EMC)



| External dimensions (mm) |     |      | Electromagnetic protected steel enclosures |  |
|--------------------------|-----|------|--|--|
| H                        | W   | D    | Enclosures                                 | Spacial SFHF<br>IP55 - IK10 - RAL 7035 |
|                          |     |      |  | Side panels                            |
| 1200                     | 600 | 600  | -  | -                                      |
| 1200                     | 600 | 800  | -  | -                                      |
| 1200                     | 800 | 600  | -  | -                                      |
| 1200                     | 800 | 800  | -  | -                                      |
| 1800                     | 600 | 600  | NSYSFHF18660                               | NSY2SPHF186                            |
| 1800                     | 800 | 400  | NSYSFHF18840                               | NSY2SPHF184                            |
| 1800                     | 800 | 600  | NSYSFHF18860                               | NSY2SPHF186                            |
| 2000                     | 600 | 400  | NSYSFHF20640                               | NSY2SPHF204                            |
| 2000                     | 600 | 600  | NSYSFHF20660                               | NSY2SPHF206                            |
| 2000                     | 600 | 800  | NSYSFHF20680                               | NSY2SPHF208                            |
| 2000                     | 600 | 1000 | NSYSFHF206100                              | NSY2SPHF2010                           |
| 2000                     | 800 | 400  | NSYSFHF20840                               | NSY2SPHF204                            |
| 2000                     | 800 | 600  | NSYSFHF20860                               | NSY2SPHF206                            |
| 2000                     | 800 | 800  | NSYSFHF20880                               | NSY2SPHF208                            |
| 2000                     | 800 | 1000 | NSYSFHF208100                              | NSY2SPHF2010                           |
| 2200                     | 600 | 600  | NSYSFHF22660                               | NSY2SPHF226                            |
| 2200                     | 600 | 800  | -  | -                                      |
| 2200                     | 600 | 1000 | -  | -                                      |
| 2200                     | 800 | 600  | NSYSFHF22860                               | NSY2SPHF226                            |
| 2200                     | 800 | 800  | NSYSFHF22880                               | NSY2SPHF228                            |
| 2200                     | 800 | 1000 | -  | -                                      |

(1) IP20 if ventilated plinth.

## Other Spacial SF applicative solutions

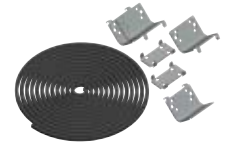
➤ Consult the Universal Enclosures general catalog

Solutions for Electrical Distribution, Motor Control Centres, Seismic and Nuclear, Electronic applications, Variable speed drives flush mounting kits, Automobile applications...



IEC 61439-2 (for tested assemblies) for SF and SFP.

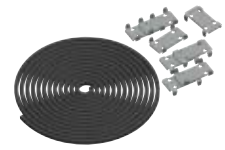
## Standard coupling kit



Reference

NSYSFBK

## Swing 19" rack coupling kit



Reference

NSYSFBK19

## Eyebolts



Reference

NSYSFEB

## Lifting brackets



Reference

NSYSFELB

## Reinforced coupling



Reference

NSYSFBKR

Floor-standing enclosures



## Spacial S3X



| External dimensions (mm) |      |     | No. of locks | No. of doors | Spacial S3X<br>IP66 <sup>(1)</sup> - IK10 <sup>(2)</sup> |               |                      |                             |            |
|--------------------------|------|-----|--------------|--------------|--|---------------|----------------------|-----------------------------|------------|
|                          |      |     |              |              | 304L stainless-steel                                     |               | 316L stainless-steel | 304L stainless-steel canopy | Inner door |
| H                        | W    | D   |              |              | Plain door   | Glazed door** | Plain door           |                             |            |
| 300                      | 200  | 150 | 1            | 1            | NSYS3X3215   | -             | NSYS3X3215H          | NSYTX2015                   | -          |
| 300                      | 250  | 150 | 1            | 1            | NSYS3X302515   | -             | NSYS3X302515H        | NSYTX2515                   | -          |
| 300                      | 300  | 150 | 1            | 1            | NSYS3X3315   | -             | NSYS3X3315H          | NSYTX3015                   | -          |
| 400                      | 300  | 150 | 1            | 1            | NSYS3X4315   | -             | NSYS3X4315H          | NSYTX3015                   | NSYPIN43   |
| 400                      | 300  | 200 | 1            | 1            | NSYS3X4320   | NSYS3X4320T   | NSYS3X4320H          | NSYTX3020                   | NSYPIN43   |
| 400                      | 400  | 200 | 1            | 1            | NSYS3X4420   | -             | NSYS3X4420H          | NSYTX4020                   | -          |
| 400                      | 600  | 200 | 1            | 1            | NSYS3X4620   | -             | NSYS3X4620H          | NSYTX6020                   | -          |
| 500                      | 400  | 200 | 2            | 1            | NSYS3X5420   | NSYS3X5420T   | NSYS3X5420H          | NSYTX4020                   | NSYPIN54   |
| 600                      | 400  | 200 | 2            | 1            | NSYS3X6420   | NSYS3X6420T   | NSYS3X6420H          | NSYTX4020                   | NSYPIN64   |
| 600                      | 600  | 250 | 2            | 1            | NSYS3X6625   | -             | NSYS3X6625H          | NSYTX6025                   | -          |
| 600                      | 1000 | 300 | *            | 1            | NSYS3X601030   | -             | -                    | -                           | -          |
| 600                      | 1200 | 300 | *            | 1            | NSYS3X601230   | -             | -                    | NSYTX12030                  | -          |
| 700                      | 500  | 250 | 2            | 1            | NSYS3X7525   | NSYS3X7525T   | NSYS3X7525H          | NSYTX5025                   | NSYPIN75   |
| 800                      | 600  | 250 | 2            | 1            | NSYS3X8625   | NSYS3X8625T   | NSYS3X8625H          | NSYTX6025                   | NSYPIN86   |
| 800                      | 800  | 300 | 2            | 1            | NSYS3X8830   | -             | NSYS3X8830H          | NSYTX8030                   | -          |
| 800                      | 1000 | 300 | *            | 1            | NSYS3X801030   | -             | -                    | -                           | -          |
| 800                      | 1200 | 300 | *            | 1            | NSYS3X801230   | -             | -                    | NSYTX12030                  | -          |
| 1000                     | 800  | 300 | 2            | 1            | NSYS3X10830  | NSYS3X10830T  | NSYS3X10830H         | NSYTX8030                   | NSYPIN108  |
| 1000                     | 1000 | 300 | *            | 2            | NSYS3X101030   | -             | NSYS3X101030H        | NSYTX10030                  | -          |
| 1200                     | 800  | 300 | 2            | 1            | NSYS3X12830  | -             | NSYS3X12830H         | NSYTX8030                   | NSYPIN128  |
| 1200                     | 1000 | 300 | *            | 2            | NSYS3X121030   | -             | NSYS3X121030H        | NSYTX10030                  | -          |

\* Three-point closure system.

\*\* The glazed door has no reinforcement.

(1) For the double door: IP55.

(2) For glazed door: IK08.

## Set of four stainless-steel wall-fixing lugs



| Description          | References |
|----------------------|------------|
| Stainless-steel 304L | NSYPFCX    |
| Stainless-steel 316L | NSYPFC2X   |

## Enclosures for explosive atmospheres (ATEX)



Spacial S3XEX  
IP66 - IK10

304L stainless-steel  
(316L on request)

**NSYS3XEX3215**

-

-

-

**NSYS3XEX4320**

-

-

**NSYS3XEX5420**

**NSYS3XEX6420**

-

-

-

**NSYS3XEX7525**

**NSYS3XEX8625**

-

-

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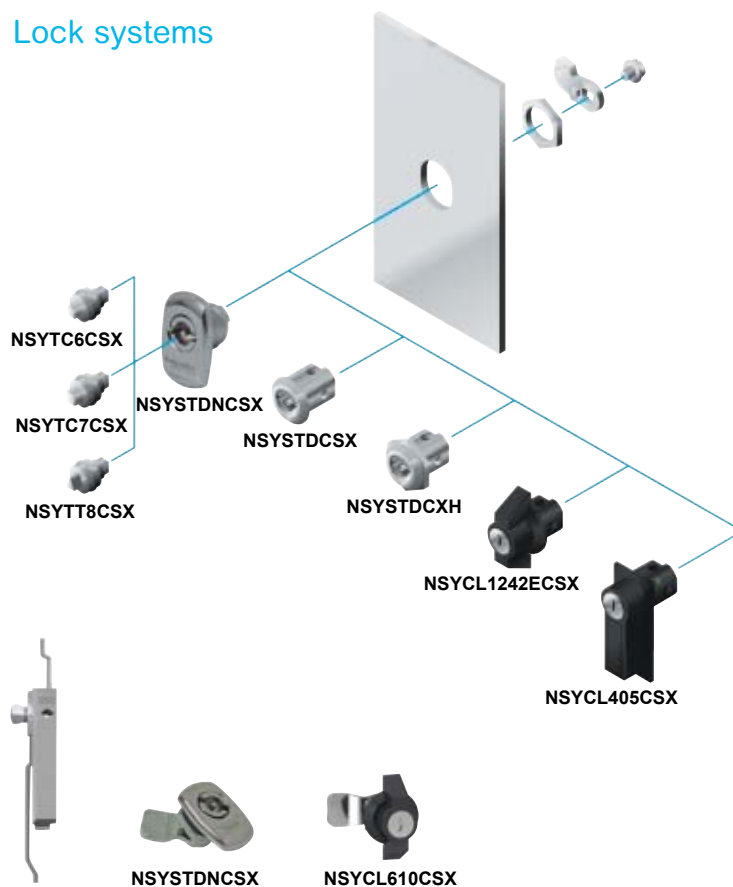
**NSYS3XEX10830**

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-

-

## Lock systems



| Description                         | Material             | References           |
|-------------------------------------|----------------------|----------------------|
| Standard 3-mm double-bar lock       | Chrome-plated zamak  | <b>NSYSTDNC SX</b>   |
| Round 3-mm double-bar lock (spare)  | Chrome-plated zamak  | <b>NSYSTDCSX</b>     |
| Round 3-mm double-bar lock          | Stainless-steel 304L | <b>NSYSTDCXH</b>     |
| 8-mm triangular insert              | Stainless-steel 304L | <b>NSYTT8CSX</b>     |
| 7-mm square insert                  | Stainless-steel 304L | <b>NSYTC7CSX</b>     |
| 6-mm square insert                  | Stainless-steel 304L | <b>NSYTC6CSX</b>     |
| 1242E handle lock                   | Chrome-plated zamak  | <b>NSYCL1242ECSX</b> |
| 405 handle lock                     | Polyamide            | <b>NSYCL405CSX</b>   |
| 610 handle lock                     | Polyamide            | <b>NSYCL610CSX</b>   |
| Screw driver insert for handle lock | Zamak                | <b>NSYTSML</b>       |
| Screw driver insert for handle lock | Zamak                | <b>NSYTSMLS3D</b>    |

# Stainless-steel floor-standing enclosures



|                          |      |     | Spacial SMX<br>IP55 - IK10 |   |               | Spacial SFX<br>IP66 <sup>(2)</sup> - IK10 |   |                      |
|--------------------------|------|-----|----------------------------|---|---------------|---|---|----------------------|
| External dimensions (mm) |      |     | Number of front doors      | Stainless-steel floor-standing monobloc |               | Number of front doors                     | Stainless-steel floor-standing suitable 304L <sup>(1)</sup> |                      |
| H                        | W    | D   |                            | 304L                                    | 316L          |   | Suitable enclosure  | Set of 2 side panels |
| 1400                     | 1000 | 300 | 2                          | NSYSMX141030                            | -             | -   | -   | -                    |
| 1600                     | 600  | 600 | -                          | -                                       | -             | -   | -   | -                    |
| 1600                     | 800  | 400 | 1                          | NSYSMX16840                             | -             | -   | -   | -                    |
| 1800                     | 600  | 400 | 1                          | NSYSMX18640                             | -             | 1   | NSYSFX18640   | NSY2SPX184           |
| 1800                     | 600  | 600 | -                          | -                                       | -             | -   | -   | -                    |
| 1800                     | 800  | 400 | 1                          | NSYSMX18840                             | NSYSMX18840H  | 1   | NSYSFX18840   | NSY2SPX184           |
| 1800                     | 1200 | 400 | 2                          | NSYSMX181240                            | NSYSMX181240H | 2   | NSYSFX181240  | NSY2SPX184           |
| 1800                     | 1600 | 400 | 2                          | NSYSMX181640                            | NSYSMX181640H | -   | -   | -                    |
| 2000                     | 600  | 500 | -                          | -                                       | -             | 1   | NSYSFX20650   | NSY2SPX205           |
| 2000                     | 800  | 400 | -                          | -                                       | -             | 1   | NSYSFX20840   | NSY2SPX204           |
| 2000                     | 800  | 500 | 1                          | NSYSMX20850                             | -             | -   | -   | -                    |
| 2000                     | 800  | 600 | -                          | -                                       | -             | 1   | NSYSFX20860   | NSY2SPX206           |
| 2000                     | 1000 | 400 | 2                          | NSYSMX201040                            | NSYSMX201040H | -   | -   | -                    |
| 2000                     | 1000 | 600 | -                          | -                                       | -             | 2   | NSYSFX201060  | NSY2SPX206           |
| 2000                     | 1200 | 500 | 2                          | NSYSMX201250                            | NSYSMX201250H | -   | -   | -                    |
| 2000                     | 1200 | 600 | -                          | -                                       | -             | 2   | NSYSFX201260  | NSY2SPX206           |
| 2000                     | 1600 | 600 | 2                          | NSYSMX201660                            | NSYSMX201660H | -   | -   | -                    |

(1) 316L stainless-steel enclosures on request.  
 (2) IP55 for double doors enclosures.

## Wall-fixing lugs for SMX



Reference  
NSYFCMX

## Eyebolts



Reference  
NSYSMEB

## Hygienic feet for SMX



H (mm) | References  
140 to 200 | NSYPHX200

## Coupling kit



Reference  
NSYSFBK19 + NSYSFXJG

## Lifting bracket



Reference  
NSYPUNX

## Door switch for SFX



Reference  
NSYDCM20

## Closure option

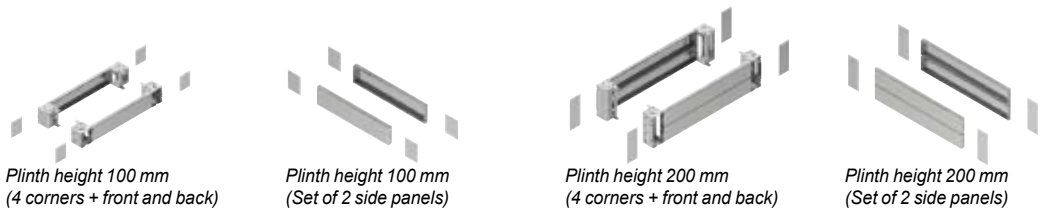


| Description              | Pack. | References   |
|--------------------------|-------|--------------|
| Spare handle             | 1     | NSYMCSX      |
| 5 mm double-bar insert   | 1     | NSYTDB5ME    |
| 6 mm square insert       | 1     | NSYTC6ME     |
| 7 mm square insert       | 1     | NSYTC7ME     |
| 8 mm square insert       | 1     | NSYTC8ME     |
| 6.5 mm triangular insert | 1     | NSYTT6ME     |
| 8 mm triangular insert   | 1     | NSYTT8ME     |
| Padlocking device        | 1     | NSYBCME      |
| Barrel and key 405ME     | 1     | NSYTCL405ME  |
| Barrel and key 610       | 1     | NSYTCL610ME  |
| Barrel and key 1242E     | 1     | NSYTL1242EME |

## Top-mounting accessories Canopy for SMX and SFX



| For enclosures with dimensions (mm) |     | References  |             |
|-------------------------------------|-----|-------------|-------------|
| W                                   | D   | SMX         | SFX         |
| 600                                 | 400 | NSYSCX6040  | NSYSCX6040  |
| 600                                 | 500 | NSYSCX6050  | NSYSCX6050  |
| 800                                 | 400 | NSYSCX8040  | NSYSCX8040  |
| 800                                 | 500 | NSYSCX8050  | -           |
| 800                                 | 600 | NSYSCX8060  | NSYSCX8060  |
| 1000                                | 300 | NSYSCX10030 | -           |
| 1000                                | 400 | NSYSCX10040 | -           |
| 1000                                | 600 | NSYSCX10060 | NSYSCX10060 |
| 1200                                | 400 | NSYSCX12040 | NSYSCX12040 |
| 1200                                | 500 | NSYSCX12050 | -           |
| 1200                                | 600 | NSYSCX12060 | NSYSCX12060 |
| 1600                                | 400 | NSYSCX16040 | -           |
| 1600                                | 600 | NSYSCX16060 | -           |



| External dimensions (mm) |      |     | Stainless-steel plinths<br>Stainless-steel, AISI 304L |                      |                                  |                      | Stainless-steel plinths<br>Stainless-steel, AISI 316L |                      |                                  |                      |
|--------------------------|------|-----|---|----------------------|----------------------------------|----------------------|---|----------------------|----------------------------------|----------------------|
|                          |      |     | Plinth height 100 mm                                  |                      | Plinth height 200 mm             |                      | Plinth height 100 mm                                  |                      | Plinth height 200 mm             |                      |
| H                        | W    | D   | Kit (4 corners + front and back)                      | Set of 2 side panels | Kit (4 corners + front and back) | Set of 2 side panels | Kit (4 corners + front and back)                      | Set of 2 side panels | Kit (4 corners + front and back) | Set of 2 side panels |
| 1400                     | 1000 | 300 | NSYSPFX10100  | NSYSPSX3100*         | NSYSPFX10200                     | NSYSPSX3200*         | NSYSPFX10100H   | NSYSPSX3100H*        | NSYSPFX10200H                    | NSYSPSX3200H*        |
| 1600                     | 800  | 400 | NSYSPFX8100   | NSYSPSX4100**        | NSYSPFX8200                      | NSYSPSX4200**        | NSYSPFX8100H  | NSYSPSX4100H         | NSYSPFX8200H                     | NSYSPSX4200H         |
| 1800                     | 600  | 400 | NSYSPFX6100   | NSYSPSX4100**        | NSYSPFX6200                      | NSYSPSX4200**        | -   | NSYSPSX4100H         | -                                | NSYSPSX4200H         |
| 1800                     | 800  | 400 | NSYSPFX8100   | NSYSPSX4100**        | NSYSPFX8200                      | NSYSPSX4200**        | NSYSPFX8100H  | NSYSPSX4100H         | NSYSPFX8200H                     | NSYSPSX4200H         |
| 1800                     | 1200 | 400 | NSYSPFX12100  | NSYSPSX4100**        | NSYSPFX12200                     | NSYSPSX4200**        | NSYSPFX12100H   | NSYSPSX4100H         | NSYSPFX12200H                    | NSYSPSX4200H         |
| 1800                     | 1600 | 400 | NSYSPFX16100*   | NSYSPSX4100**        | NSYSPFX16200*                    | NSYSPSX4200**        | NSYSPFX16100H*  | NSYSPSX4100H         | NSYSPFX16200H*                   | NSYSPSX4200H         |
| 2000                     | 600  | 500 | NSYSPFX6100   | NSYSPSX5100**        | NSYSPFX6200                      | NSYSPSX5200**        | -   | NSYSPSX5100H         | -                                | NSYSPSX5200H         |
| 2000                     | 800  | 400 | NSYSPFX8100   | NSYSPSX4100**        | NSYSPFX8200                      | NSYSPSX4200**        | NSYSPFX8100H  | NSYSPSX4100H         | NSYSPFX8200H                     | NSYSPSX4200H         |
| 2000                     | 800  | 500 | NSYSPFX8100   | NSYSPSX5100**        | NSYSPFX8200                      | NSYSPSX5200**        | NSYSPFX8100H  | NSYSPSX5100H         | NSYSPFX8200H                     | NSYSPSX5200H         |
| 2000                     | 800  | 600 | NSYSPFX8100   | NSYSPSX6100**        | NSYSPFX8200                      | NSYSPSX6200**        | NSYSPFX8100H  | NSYSPSX6100H         | NSYSPFX8200H                     | NSYSPSX6200H         |
| 2000                     | 1000 | 400 | NSYSPFX10100  | NSYSPSX4100**        | NSYSPFX10200                     | NSYSPSX4200**        | NSYSPFX10100H   | NSYSPSX4100H         | NSYSPFX10200H                    | NSYSPSX4200H         |
| 2000                     | 1000 | 600 | NSYSPFX10100  | NSYSPSX6100**        | NSYSPFX10200                     | NSYSPSX6200**        | NSYSPFX10100H   | NSYSPSX6100H         | NSYSPFX10200H                    | NSYSPSX6200H         |
| 2000                     | 1200 | 500 | NSYSPFX12100  | NSYSPSX5100**        | NSYSPFX12200                     | NSYSPSX5200**        | NSYSPFX12100H   | NSYSPSX5100H         | NSYSPFX12200H                    | NSYSPSX5200H         |
| 2000                     | 1200 | 600 | NSYSPFX12100  | NSYSPSX6100**        | NSYSPFX12200                     | NSYSPSX6200**        | NSYSPFX12100H   | NSYSPSX6100H         | NSYSPFX12200H                    | NSYSPSX6200H         |
| 2000                     | 1600 | 600 | NSYSPFX16100*   | NSYSPSX6100**        | NSYSPFX16200*                    | NSYSPSX6200**        | NSYSPFX16100H*  | NSYSPSX6100H         | NSYSPFX16200H*                   | NSYSPSX6200H         |

\* Only for Spacial SMX.

\*\* References for Spacial SMX. For Spacial SFX, add "SF": NSYSPSX\*\*\*\*SF.

## Spacial SDX, SDCX — Stainless-steel HMI enclosures

### Stainless-steel control desks



| Spacial SDX<br>IP55 - IK10 |      |     |                         |                    | 316L stainless-steel plinth,<br>height 100 mm |              | 316L stainless-steel plinth,<br>height 200 mm |                  | Spacial SDCX<br>Modular Console references |                       |                       | Blanking covers |
|----------------------------|------|-----|-------------------------|--------------------|---|--------------|---|------------------|--|-----------------------|-----------------------|-----------------|
| Dimensions (mm)            |      |     | Control desk references | No. of front doors | Front + corner                                | Side         | Front + corner                                | Side             | Modular Console Width (mm)                 | Depth: 200 mm         | Depth: 300 mm         |                 |
| H                          | W    | D   |                         |                    |   |              |   |                  |  |                       |                       |                 |
| 1000                       | 600  | 500 | NSYS DX6                | 1                  | NSYSPXF6100H                                  | NSYSPXS5100H | NSYSPXF6200H                                  | 2 x NSYSPXS5100H | 400  | NSYSDCX42             | NSYSDCX43             | NSYRPX2         |
| 1000                       | 600  | 500 | NSYS DX6                | 1                  | NSYSPXF6100H                                  | NSYSPXS5100H | NSYSPXF6200H                                  | 2 x NSYSPXS5100H | 600  | NSYSDCX62             | NSYSDCX63             | -               |
| 1000                       | 800  | 500 | NSYS DX8                | 1                  | NSYSPXF8100H                                  | NSYSPXS5100H | NSYSPXF8200H                                  | 2 x NSYSPXS5100H | 400  | NSYSDCX42             | NSYSDCX43             | 2 x NSYRPX2     |
| 1000                       | 800  | 500 | NSYS DX8                | 1                  | NSYSPXF8100H                                  | NSYSPXS5100H | NSYSPXF8200H                                  | 2 x NSYSPXS5100H | 400  | 2 x NSYSDCX42         | 2 x NSYSDCX43         | -               |
| 1000                       | 800  | 500 | NSYS DX8                | 1                  | NSYSPXF8100H                                  | NSYSPXS5100H | NSYSPXF8200H                                  | 2 x NSYSPXS5100H | 600  | NSYSDCX62             | NSYSDCX63             | NSYRPX2         |
| 1000                       | 1000 | 500 | NSYS DX10               | 2                  | NSYSPXF10100H                                 | NSYSPXS5100H | NSYSPXF10200H                                 | 2 x NSYSPXS5100H | 400  | NSYSDCX42             | NSYSDCX43             | 3 x NSYRPX2     |
| 1000                       | 1000 | 500 | NSYS DX10               | 2                  | NSYSPXF10100H                                 | NSYSPXS5100H | NSYSPXF10200H                                 | 2 x NSYSPXS5100H | 600  | NSYSDCX62             | NSYSDCX63             | 2 x NSYRPX2     |
| 1000                       | 1000 | 500 | NSYS DX10               | 2                  | NSYSPXF10100H                                 | NSYSPXS5100H | NSYSPXF10200H                                 | 2 x NSYSPXS5100H | 600  | NSYSDCX62             | NSYSDCX63             | 2 x NSYRPX2     |
| 1000                       | 1000 | 500 | NSYS DX10               | 2                  | NSYSPXF10100H                                 | NSYSPXS5100H | NSYSPXF10200H                                 | 2 x NSYSPXS5100H | 400 + 600                                  | NSYSDCX42 + NSYSDCX62 | NSYSDCX43 + NSYSDCX63 | -               |
| 1000                       | 1200 | 500 | NSYS DX12               | 2                  | NSYSPXF12100H                                 | NSYSPXS5100H | NSYSPXF12200H                                 | 2 x NSYSPXS5100H | 400  | NSYSDCX42             | NSYSDCX43             | 4 x NSYRPX2     |
| 1000                       | 1200 | 500 | NSYS DX12               | 2                  | NSYSPXF12100H                                 | NSYSPXS5100H | NSYSPXF12200H                                 | 2 x NSYSPXS5100H | 400 + 600                                  | NSYSDCX42 + NSYSDCX62 | NSYSDCX43 + NSYSDCX63 | NSYRPX2         |
| 1000                       | 1200 | 500 | NSYS DX12               | 2                  | NSYSPXF12100H                                 | NSYSPXS5100H | NSYSPXF12200H                                 | 2 x NSYSPXS5100H | 600  | NSYSDCX62             | NSYSDCX63             | 3 x NSYRPX2     |
| 1000                       | 1200 | 500 | NSYS DX12               | 2                  | NSYSPXF12100H                                 | NSYSPXS5100H | NSYSPXF12200H                                 | 2 x NSYSPXS5100H | 600  | NSYSDCX62             | NSYSDCX63             | 3 x NSYRPX2     |
| 1000                       | 1200 | 500 | NSYS DX12               | 2                  | NSYSPXF12100H                                 | NSYSPXS5100H | NSYSPXF12200H                                 | 2 x NSYSPXS5100H | 600  | NSYSDCX62             | NSYSDCX63             | 3 x NSYRPX2     |
| 1000                       | 1200 | 500 | NSYS DX12               | 2                  | NSYSPXF12100H                                 | NSYSPXS5100H | NSYSPXF12200H                                 | 2 x NSYSPXS5100H | 600  | 2 x NSYSDCX62         | 2 x NSYSDCX63         | -               |

Floor-standing enclosures

## Thalassa TBS and TBP



| Low covers                       |     |     |                                  |     |     |           |            |             |             |  |               |              |               |  |  |
|----------------------------------|-----|-----|----------------------------------|-----|-----|-----------|------------|-------------|-------------|--|---------------|--------------|---------------|--|--|
| Overall external dimensions (mm) |     |     | Overall internal dimensions (mm) |     |     | Body (mm) | Cover (mm) | Minor pack. | Cover screw | Thalassa TBS<br>IP66 - IK07 - RAL 7035 |               |              |               | Thalassa TBP<br>IP66 - IK08 - RAL 7035 |  |
|                                  |     |     |                                  |     |     |           |            |             |             | ABS boxes                              |               | PC-UL boxes  |               |  |  |
|                                  |     |     |                                  |     |     |           |            |             | Cover       |  | Cover         |              |               |  |  |
| H                                | W   | D   | H                                | W   | D   |           |            |             | Opaque      | Transparent                            | Opaque        | Transparent  |               |  |  |
| 74                               | 74  | 54  | 65                               | 65  | 47  | 37        | 10         | 5           | Metal       | NSYTBS775                              | -             | NSYTBP775    | -             |  |  |
| 89                               | 89  | 54  | 80                               | 80  | 47  | 37        | 10         | 5           | Metal       | NSYTBS885                              | -             | NSYTBP885    | -             |  |  |
| 116                              | 74  | 62  | 105                              | 65  | 55  | 45        | 10         | 5           | Metal       | NSYTBS1176                             | -             | NSYTBP1176   | -             |  |  |
| 116                              | 116 | 62  | 105                              | 105 | 55  | 45        | 10         | 5           | Plastic     | NSYTBS11116                            | -             | NSYTBP11116  | -             |  |  |
| 138                              | 93  | 72  | 125                              | 80  | 65  | 45        | 20         | 2           | Plastic     | NSYTBS1397                             | NSYTBS1397T   | NSYTBP1397   | NSYTBP1397T   |  |  |
| 164                              | 121 | 87  | 150                              | 105 | 80  | 60        | 20         | 2           | Plastic     | NSYTBS16128                            | NSYTBS16128T  | NSYTBP16128  | NSYTBP16128T  |  |  |
| 192                              | 121 | 87  | 175                              | 105 | 80  | 60        | 20         | 2           | Plastic     | NSYTBS19128                            | NSYTBS19128T  | NSYTBP19128  | NSYTBP19128T  |  |  |
| 192                              | 164 | 87  | 175                              | 150 | 80  | 60        | 20         | 1           | Plastic     | NSYTBS19168                            | NSYTBS19168T  | NSYTBP19168  | NSYTBP19168T  |  |  |
| 241                              | 194 | 87  | 225                              | 175 | 80  | 60        | 20         | 1           | Plastic     | NSYTBS24198                            | NSYTBS24198T  | NSYTBP24198  | NSYTBP24198T  |  |  |
| 241                              | 194 | 107 | 225                              | 175 | 100 | 80        | 20         | 1           | Plastic     | NSYTBS241910                           | NSYTBS241910T | NSYTBP241910 | NSYTBP241910T |  |  |
| 291                              | 241 | 88  | 275                              | 225 | 80  | 60        | 20         | 1           | Plastic     | NSYTBS29248                            | NSYTBS29248T  | NSYTBP29248  | NSYTBP29248T  |  |  |
| 291                              | 241 | 128 | 275                              | 225 | 120 | 100       | 20         | 1           | Plastic     | NSYTBS292412                           | NSYTBS292412T | NSYTBP292412 | NSYTBP292412T |  |  |
| 341                              | 291 | 128 | 325                              | 275 | 120 | 100       | 20         | 1           | Plastic     | NSYTBS342912                           | NSYTBS342912T | NSYTBP342912 | NSYTBP342912T |  |  |

## Thalassa PLS

# Insulating modular boxes



| Dimensions (mm) |     |     | Thalassa PLS<br>IP65 - IK09 - RAL 7035 |               |                 |                           |                  |
|-----------------|-----|-----|--|---------------|-----------------|---------------------------|------------------|
|                 |     |     | Complete box                           |               |                 | Complete boxes in batches |                  |
| H               | W   | D   | Transparent cover                      | Opaque cover  | Polyester cover | Transparent cover         | Amount per batch |
| 180             | 270 | 180 | NSYPLS1827G                            | NSYPLSC1827G  | NSYPLSP1827G    | NSYPLS1827LG              | 56               |
| 270             | 270 | 180 | NSYPLS2727G                            | NSYPLSC2727G  | NSYPLSP2727G    | NSYPLS2727LG              | 56               |
| 270             | 270 | 230 | NSYPLS2727AG                           | NSYPLSC2727AG | -               | NSYPLS2727ALG             | 56               |
| 270             | 360 | 180 | NSYPLS2736G                            | NSYPLSC2736G  | NSYPLSP2736G    | NSYPLS2736LG              | 56               |
| 270             | 360 | 230 | NSYPLS2736AG                           | NSYPLSC2736AG | -               | NSYPLS2736ALG             | 56               |
| 270             | 540 | 180 | NSYPLS2754G                            | NSYPLSC2754G  | NSYPLSP2754G    | NSYPLS2754LG              | 28               |
| 270             | 540 | 230 | NSYPLS2754AG                           | NSYPLSC2754AG | -               | NSYPLS2754ALG             | 28               |
| 360             | 360 | 180 | NSYPLS3636G                            | NSYPLSC3636G  | NSYPLSP3636G    | NSYPLS3636LG              | 28               |
| 360             | 540 | 180 | NSYPLS3654G                            | NSYPLSC3654G  | NSYPLSP3654G    | NSYPLS3654LG              | 28               |
| 360             | 540 | 230 | NSYPLS3654AG                           | NSYPLSC3654AG | -               | NSYPLS3654ALG             | 28               |
| 360             | 720 | 230 | NSYPLS3672AG                           | NSYPLSC3672AG | -               | NSYPLS3672ALG             | 27               |
| 540             | 540 | 180 | NSYPLS5454G                            | NSYPLSC5454G  | NSYPLSP5454G    | NSYPLS5454LG              | 14               |
| 540             | 540 | 230 | NSYPLS5454AG                           | NSYPLSC5454AG | -               | NSYPLS5454ALG             | 14               |
| 540             | 720 | 230 | NSYPLS5472AG                           | NSYPLSC5472AG | -               | NSYPLS5472ALG             | 14               |



| External dimensions (mm) |     |     | Thalassa PLS for modular distribution application - RAL 7035 |                |                         |                  |
|--------------------------|-----|-----|--|----------------|-------------------------|------------------|
| H                        | W   | D   | Number of 18 mm modules                                      | Number of rows | Approximate weight (kg) | References       |
| 180                      | 270 | 180 | 12   | 1              | 1.7                     | NSYPLS1827DLS12G |
| 270                      | 270 | 180 | 24   | 2              | 2.5                     | NSYPLS2727DLS24G |
| 360                      | 270 | 180 | 24   | 2              | 2.7                     | NSYPLS3627DLS24G |
| 360                      | 270 | 180 | 36   | 3              | 2.8                     | NSYPLS3627DLS36G |
| 540                      | 270 | 180 | 48   | 4              | 3.8                     | NSYPLS5427DLS48G |

### Wall-fixing lugs



| Name                          | References |
|-------------------------------|------------|
| Steel mounting lugs           | NSYPF27N   |
| Stainless-steel mounting lugs | NSYPF27X   |



### High covers

| Overall external dimensions (mm) |     |     | Overall internal dimensions (mm) |     |     | Body (mm) | Cover (mm) | Minor pack. | Cover screw | Thalassa TBS<br>IP66 - IK07 - RAL 7035 |                | Thalassa TBP<br>IP66 - IK08 - RAL 7035 |                |
|----------------------------------|-----|-----|----------------------------------|-----|-----|-----------|------------|-------------|-------------|--|----------------|--|----------------|
|                                  |     |     |                                  |     |     |           |            |             |             | ABS boxes                              |                | PC-UL boxes                            |                |
|                                  |     |     |                                  |     |     |           |            | Cover       |             | Cover                                  |                |  |                |
|                                  |     |     |                                  |     |     |           |            | Opaque      | Transparent | Opaque                                 | Transparent    |  |                |
| 116                              | 74  | 94  | 105                              | 65  | 85  | 45        | 40         | 3           | Metal       | NSYTBS1179H                            | -              | -                                      | -              |
| 116                              | 116 | 133 | 105                              | 105 | 125 | 45        | 80         | 2           | Plastic     | NSYTBS111113H                          | -              | -                                      | -              |
| 192                              | 121 | 105 | 175                              | 105 | 100 | 60        | 40         | 2           | Plastic     | NSYTBS191210H                          | NSYTBS191210HT | NSYTBP191210H                          | NSYTBP191210HT |
| 192                              | 164 | 105 | 175                              | 150 | 100 | 60        | 40         | 1           | Plastic     | NSYTBS191610H                          | NSYTBS191610HT | NSYTBP191610H                          | NSYTBP191610HT |
| 241                              | 194 | 107 | 225                              | 175 | 100 | 60        | 40         | 1           | Plastic     | NSYTBS241910H                          | NSYTBS241910HT | NSYTBP241910H                          | NSYTBP241910HT |
| 241                              | 194 | 127 | 225                              | 175 | 120 | 80        | 40         | 1           | Plastic     | NSYTBS241912H                          | NSYTBS241912HT | NSYTBP241912H                          | NSYTBP241912HT |
| 291                              | 241 | 128 | 275                              | 225 | 120 | 60        | 60         | 1           | Plastic     | NSYTBS292412H                          | NSYTBS292412HT | NSYTBP292412H                          | NSYTBP292412HT |
| 291                              | 241 | 168 | 275                              | 225 | 160 | 100       | 60         | 1           | Plastic     | NSYTBS292416H                          | NSYTBS292416HT | NSYTBP292416H                          | NSYTBP292416HT |
| 341                              | 291 | 168 | 325                              | 275 | 160 | 100       | 60         | 1           | Plastic     | NSYTBS342916H                          | NSYTBS342916HT | NSYTBP342916H                          | NSYTBP342916HT |



| Rear<br>135 mm | Low covers: 45 mm |               |               | High covers: 95 mm |                |
|----------------|-------------------|---------------|---------------|--------------------|----------------|
|                | Transparent       | Opaque        | Polyester     | Transparent        | Opaque         |
| NSYFPLS1827G   | NSYTPLS1827       | NSYTPLSC1827G | NSYTPLSP1827G | -                  | -              |
| NSYFPLS2727G   | NSYTPLS2727       | NSYTPLSC2727G | NSYTPLSP2727G | -                  | -              |
| NSYFPLS2727G   | -                 | -             | -             | NSYTPLS2727A       | NSYTPLSC2727AG |
| NSYFPLS2736G   | NSYTPLS2736       | NSYTPLSC2736G | NSYTPLSP2736G | -                  | -              |
| NSYFPLS2736G   | -                 | -             | -             | NSYTPLS2736A       | NSYTPLSC2736AG |
| NSYFPLS2754G   | NSYTPLS2754       | NSYTPLSC2754G | NSYTPLSP2754G | -                  | -              |
| NSYFPLS2754G   | -                 | -             | -             | NSYTPLS2754A       | NSYTPLSC2754AG |
| NSYFPLS3636G   | NSYTPLS3636       | NSYTPLSC3636G | NSYTPLSP3636G | -                  | -              |
| NSYFPLS3654G   | NSYTPLS3654       | NSYTPLSC3654G | NSYTPLSP3654G | -                  | -              |
| NSYFPLS3654G   | -                 | -             | -             | NSYTPLS3654A       | NSYTPLSC3654AG |
| NSYFPLS3672G   | -                 | -             | -             | NSYTPLS3672A       | NSYTPLSC3672AG |
| NSYFPLS5454G   | NSYTPLS5454       | NSYTPLSC5454G | NSYTPLSP5454G | -                  | -              |
| NSYFPLS5454G   | -                 | -             | -             | NSYTPLS5454A       | NSYTPLSC5454AG |
| NSYFPLS5472G   | -                 | -             | -             | NSYTPLS5472A       | NSYTPLSC5472AG |

### Post-fixing device



| For installation on a surface with dimensions (mm) | References  |
|--|-------------|
| 270  | NSYFSP27270 |
| 360  | NSYFSP27360 |
| 540  | NSYFSP27540 |

### Coupling frames



| Opening (mm) | Full-opening frame | Partial-opening frame |
|--------------|--------------------|-----------------------|
| 110          | NSYUM27180         | -                     |
| 200          | NSYUM27270         | NSYUCC270 (1)         |
| 290          | NSYUM27360         | NSYUCC360 (1)         |

### Side plates



| Side plates (mm) | References  |
|------------------|-------------|
| 200              | NSYTL27270G |
| 290              | NSYTL27360G |

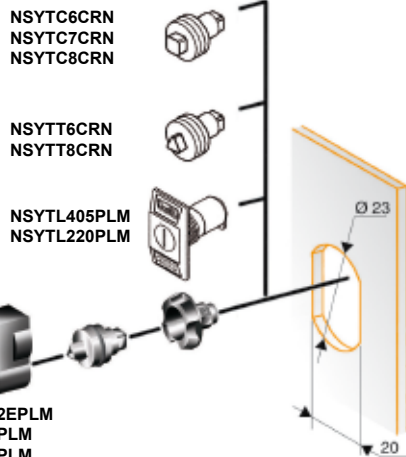
(1) References by unit. Order by multiples of 10 units (10, 20, 30, etc.).



| External dimensions (mm) |     |     | Thalassa PLM<br>IP66 - IK10 <sup>(1)</sup> - RAL 7035 |                   |                                    |                     |                            |                              |
|--------------------------|-----|-----|---|-------------------|------------------------------------|---------------------|----------------------------|------------------------------|
|                          |     |     | ABS/PC wall-mounting enclosures                       |                   | Polyester wall-mounting enclosures |                     |                            |                              |
| H                        | W   | D   | Plain door  | Transp. door      | Plain door                         | Transp. door        | Plain door 3-point closure | Transp. door 3-point closure |
| 310                      | 215 | 160 | <b>NSYPLM32G</b>                                      | <b>NSYPLM32TG</b> | -                                  | -                   | -                          | -                            |
| 308                      | 255 | 160 | -   | -                 | <b>NSYPLM3025G</b>                 | <b>NSYPLM3025TG</b> | -                          | -                            |
| 430                      | 330 | 200 | -   | -                 | <b>NSYPLM43G</b>                   | <b>NSYPLM43TG</b>   | <b>NSYPLM43VG</b>          | <b>NSYPLM43TVG</b>           |
| 530                      | 430 | 200 | -   | -                 | <b>NSYPLM54G</b>                   | <b>NSYPLM54TG</b>   | <b>NSYPLM54VG</b>          | <b>NSYPLM54TVG</b>           |
| 647                      | 436 | 250 | -   | -                 | <b>NSYPLM64G</b>                   | <b>NSYPLM64TG</b>   | <b>NSYPLM64VG</b>          | <b>NSYPLM64TVG</b>           |
| 747                      | 536 | 300 | -   | -                 | <b>NSYPLM75G</b>                   | <b>NSYPLM75TG</b>   | <b>NSYPLM75VG</b>          | <b>NSYPLM75TVG</b>           |
| 847                      | 636 | 300 | -   | -                 | <b>NSYPLM86G</b>                   | <b>NSYPLM86TG</b>   | <b>NSYPLM86VG</b>          | <b>NSYPLM86TVG</b>           |
| 1056                     | 852 | 350 | -   | -                 | <b>NSYPLM108G</b>                  | <b>NSYPLM108TG</b>  | -                          | -                            |

(1) Transparent doors: IK08.

## Options to transform the locks with double-bar inserts



- NSYTHL1242EPLM
- NSYTHL405PLM
- NSYTHL421PLM
- NSYTHL455PLM
- NSYTHL610PLM
- NSYTHL2331APLM
- NSYTHL2433APLM
- NSYTHL3113APLM
- NSYTHL3131APLM
- NSYTHPLM

| Name                 | References         |
|----------------------|--------------------|
| 6 mm male square     | <b>NSYTC6CRN</b>   |
| 7 mm male square     | <b>NSYTC7CRN</b>   |
| 8 mm male square     | <b>NSYTC8CRN</b>   |
| 6.5 mm male triangle | <b>NSYTT6CRN</b>   |
| 8 mm male triangle   | <b>NSYTT8CRN</b>   |
| Lock and key 405     | <b>NSYTL405PLM</b> |
| Lock and key 220     | <b>NSYTL220PLM</b> |

| Type of barrel | References            |
|----------------|-----------------------|
| Key 1242 E     | <b>NSYTHL1242EPLM</b> |
| Key 405        | <b>NSYTHL405PLM</b>   |
| Key 421        | <b>NSYTHL421PLM</b>   |
| Key 455        | <b>NSYTHL455PLM</b>   |
| Key 610        | <b>NSYTHL610PLM</b>   |
| Key 2331 A     | <b>NSYTHL2331APLM</b> |
| Key 2433 A     | <b>NSYTHL2433APLM</b> |
| Key 3113 A     | <b>NSYTHL3113APLM</b> |
| Key 3131A      | <b>NSYTHL3131APLM</b> |
| Manual         | <b>NSYTHPLM</b>       |

NB: Not suitable for PLM108

## Water drain plug



| Name             | Reference      |
|------------------|----------------|
| Water drain plug | <b>NSYVEA9</b> |

## Ventilation louvres



| Name                | Reference         |
|---------------------|-------------------|
| Ventilation louvres | <b>NSYCAG35LP</b> |



### PLM range accessories

| Step slides       | Padlocking     | Post-fixing device | Floor-mounting pillar | Coupling frame      | Cable-gland plate  | Internal door        | Blanking plates   |
|-------------------|----------------|--------------------|-----------------------|---------------------|--------------------|----------------------|-------------------|
| -                 | -              | -                  | -                     | -                   | -                  | -                    | <b>NSYCEPLMAG</b> |
| -                 | -              | -                  | -                     | -                   | -                  | <b>NSYPA3025PLMG</b> | -                 |
| <b>NSYDPLM200</b> | <b>NSYKPLM</b> | <b>NSYSFP300</b>   | -                     | -                   | -                  | <b>NSYPAP43G</b>     | <b>NSYCEPLMBG</b> |
| <b>NSYDPLM200</b> | <b>NSYKPLM</b> | <b>NSYSFP400</b>   | <b>NSYSFSPLMG</b>     | -                   | -                  | <b>NSYPAP54G</b>     | <b>NSYCEPLMBG</b> |
| <b>NSYDPLM250</b> | <b>NSYKPLM</b> | <b>NSYSFP400</b>   | <b>NSYSFSPLMG</b>     | -                   | -                  | <b>NSYPAP64G</b>     | <b>NSYCEPLMCG</b> |
| <b>NSYDPLM300</b> | <b>NSYKPLM</b> | <b>NSYSFP500</b>   | -                     | <b>NSYBUPLMG</b>    | <b>NSYTLA4420G</b> | <b>NSYPAP75G</b>     | <b>NSYCEPLMCG</b> |
| <b>NSYDPLM300</b> | <b>NSYKPLM</b> | <b>NSYSFP600</b>   | -                     | <b>NSYBUPLMG</b>    | <b>NSYTLA4420G</b> | <b>NSYPAP86G</b>     | <b>NSYCEPLMCG</b> |
| <b>NSYDPLM350</b> | <b>NSYBCPL</b> | -                  | -                     | <b>NSYBU108PLMG</b> | <b>NSYTLA6420G</b> | <b>NSYPAP108G</b>    | -                 |

### Wall-fixing lugs



NSYFPPLM32

NSYFPPLM

NSYFPXPLM

| Material        | References   |
|-----------------|--|
| Polyamide       | <b>NSYFPPLMG</b><br><b>NSYFPPLM32G<sup>(1)</sup></b> |
| Stainless-steel | <b>NSYFPXPLM</b>                                     |

(1) Exclusive for enclosures ref. **NSYPLM32G** and **NSYPLM32TG**.

### ZM plinth for PLM enclosure



| For enclosure |     |     |                   | Plinth RAL 7035 |     |     |                  | Cable opening area |     |
|---------------|-----|-----|-------------------|-----------------|-----|-----|------------------|--------------------|-----|
| H             | W   | D   | References        | H               | W   | D   | References       | W                  | D   |
| 747           | 536 | 300 | <b>NSYPLM75G</b>  | 200             | 456 | 302 | <b>NSYZM253G</b> | 256                | 252 |
| 847           | 636 | 300 | <b>NSYPLM86G</b>  | 200             | 556 | 302 | <b>NSYZM263G</b> | 356                | 252 |
| 1056          | 852 | 350 | <b>NSYPLM108G</b> | 200             | 772 | 352 | <b>NSYZM283G</b> | 572                | 302 |





# Polyester floor-standing enclosures

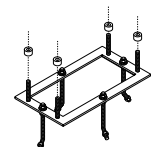


| External dimensions (mm) |      |     |              | Thalassa PLA(Z)<br>IP65 <sup>(1)</sup> - IK10 <sup>(2)</sup> - RAL 7035 |               |  |              |               |                   |
|--------------------------|------|-----|--------------|---|---------------|--|--------------|---------------|-------------------|
|                          |      |     |              | Completely sealed enclosures  |               | Enclosures with plinth-type open bottom part |              | Canopy        | Cable-entry plate |
|                          |      |     |              | References of enclosures with door                                      |               |  |              |               |                   |
| H                        | W    | D   | No. of doors | Plain   | Glazed        | Plain  |              |               |                   |
| 500                      | 500  | 320 | 1            | NSYPLA553G  | NSYPLA553TG   | NSYPLAZ553G                                  | NSYTJPLA53G  | NSYECPLAZ53G  |                   |
| 500                      | 500  | 420 | 1            | NSYPLA554G  | NSYPLA554TG   | NSYPLAZ554G                                  | NSYTJPLA54G  | NSYECPLAZ54G  |                   |
| 500                      | 750  | 320 | 1            | NSYPLA573G  | NSYPLA573TG   | NSYPLAZ573G                                  | NSYTJPLA73G  | NSYECPLAZ73G  |                   |
| 500                      | 750  | 420 | 1            | NSYPLA574G  | NSYPLA574TG   | NSYPLAZ574G                                  | NSYTJPLA74G  | NSYECPLAZ74G  |                   |
| 500                      | 1000 | 320 | 2            | NSYPLA5103G   | NSYPLA5103TG  | NSYPLAZ5103G                                 | NSYTJPLA103G | NSYECPLAZ103G |                   |
| 500                      | 1000 | 420 | 2            | NSYPLA5104G   | NSYPLA5105T   | NSYPLAZ5104G                                 | NSYTJPLA104G | NSYECPLAZ104G |                   |
| 500                      | 1250 | 320 | 2            | NSYPLA5123G   | NSYPLA5123TG  | NSYPLAZ5123G                                 | NSYTJPLA123G | NSYECPLAZ123G |                   |
| 500                      | 1250 | 420 | 2            | NSYPLA5124G   | NSYPLA5124TG  | NSYPLAZ5124G                                 | NSYTJPLA124G | NSYECPLAZ124G |                   |
| 750                      | 500  | 320 | 1            | NSYPLA753G  | NSYPLA753TG   | NSYPLAZ753G                                  | NSYTJPLA53G  | NSYECPLAZ53G  |                   |
| 750                      | 500  | 420 | 1            | NSYPLA754G  | NSYPLA754TG   | NSYPLAZ754G                                  | NSYTJPLA73G  | NSYECPLAZ54G  |                   |
| 750                      | 750  | 320 | 1            | NSYPLA773G  | NSYPLA773TG   | NSYPLAZ773G                                  | NSYTJPLA103G | NSYECPLAZ73G  |                   |
| 750                      | 750  | 420 | 1            | NSYPLA774G  | NSYPLA774TG   | NSYPLAZ774G                                  | NSYTJPLA123G | NSYECPLAZ74G  |                   |
| 750                      | 750  | 620 | 1            | NSYPLA776G  | NSYPLA776TG   | NSYPLAZ776G                                  | NSYTJPLA76G  | NSYECPLAZ76G  |                   |
| 750                      | 1000 | 320 | 2            | NSYPLA7103G   | NSYPLA7103TG  | NSYPLAZ7103G                                 | NSYTJPLA74G  | NSYECPLAZ103G |                   |
| 750                      | 1000 | 420 | 2            | NSYPLA7104G   | NSYPLA7104TG  | NSYPLAZ7104G                                 | NSYTJPLA76G  | NSYECPLAZ104G |                   |
| 750                      | 1250 | 320 | 2            | NSYPLA7123G   | NSYPLA7123TG  | NSYPLAZ7123G                                 | NSYTJPLA104G | NSYECPLAZ123G |                   |
| 750                      | 1250 | 420 | 2            | NSYPLA7124G   | NSYPLA7124TG  | NSYPLAZ7124G                                 | NSYTJPLA124G | NSYECPLAZ124G |                   |
| 1000                     | 500  | 320 | 1            | NSYPLA1053G   | NSYPLA1053TG  | NSYPLAZ1053G                                 | NSYTJPLA53G  | NSYECPLAZ53G  |                   |
| 1000                     | 500  | 420 | 1            | NSYPLA1054G   | NSYPLA1054TG  | NSYPLAZ1054G                                 | NSYTJPLA54G  | NSYECPLAZ54G  |                   |
| 1000                     | 750  | 320 | 1            | NSYPLA1073G   | NSYPLA1073TG  | NSYPLAZ1073G                                 | NSYTJPLA73G  | NSYECPLAZ73G  |                   |
| 1000                     | 750  | 420 | 1            | NSYPLA1074G   | NSYPLA1074TG  | NSYPLAZ1074G                                 | NSYTJPLA74G  | NSYECPLAZ74G  |                   |
| 1000                     | 1000 | 320 | 2            | NSYPLA10103G  | NSYPLA10103TG | NSYPLAZ10103G                                | NSYTJPLA103G | NSYECPLAZ103G |                   |
| 1000                     | 1000 | 420 | 2            | NSYPLA10104G  | NSYPLA10104TG | NSYPLAZ10104G                                | NSYTJPLA104G | NSYECPLAZ104G |                   |
| 1000                     | 1250 | 320 | 2            | NSYPLA10123G  | NSYPLA10123TG | NSYPLAZ10123G                                | NSYTJPLA123G | NSYECPLAZ123G |                   |
| 1000                     | 1250 | 420 | 2            | NSYPLA10124G  | NSYPLA10124TG | NSYPLAZ10124G                                | NSYTJPLA124G | NSYECPLAZ124G |                   |
| 1250                     | 500  | 320 | 1            | NSYPLA1253G   | NSYPLA1253TG  | NSYPLAZ1253G                                 | NSYTJPLA53G  | NSYECPLAZ53G  |                   |
| 1250                     | 500  | 420 | 1            | NSYPLA1254G   | NSYPLA1254TG  | NSYPLAZ1254G                                 | NSYTJPLA73G  | NSYECPLAZ73G  |                   |
| 1250                     | 750  | 320 | 1            | NSYPLA1273G   | NSYPLA1273TG  | NSYPLAZ1273G                                 | NSYTJPLA103G | NSYECPLAZ103G |                   |
| 1250                     | 750  | 420 | 1            | NSYPLA1274G   | NSYPLA1274TG  | NSYPLAZ1274G                                 | NSYTJPLA123G | NSYECPLAZ123G |                   |
| 1250                     | 750  | 620 | 1            | NSYPLA1276G   | NSYPLA1276TG  | NSYPLAZ1276G                                 | NSYTJPLA126G | NSYECPLAZ126G |                   |
| 1250                     | 1000 | 320 | 2            | NSYPLA12103G  | NSYPLA12103TG | NSYPLAZ12103G                                | NSYTJPLA74G  | NSYECPLAZ74G  |                   |
| 1250                     | 1000 | 420 | 2            | NSYPLA12104G  | NSYPLA12104TG | NSYPLAZ12104G                                | NSYTJPLA76G  | NSYECPLAZ76G  |                   |
| 1250                     | 1250 | 320 | 2            | NSYPLA12123G  | NSYPLA12123TG | NSYPLAZ12123G                                | NSYTJPLA104G | NSYECPLAZ104G |                   |
| 1250                     | 1250 | 420 | 2            | NSYPLA12124G  | NSYPLA12124TG | NSYPLAZ12124G                                | NSYTJPLA124G | NSYECPLAZ124G |                   |
| 1250                     | 1250 | 620 | 2            | NSYPLA12126G  | NSYPLA12126TG | NSYPLAZ12126G                                | NSYTJPLA126G | NSYECPLAZ126G |                   |
| 1500                     | 500  | 320 | 1            | NSYPLA1553G   | NSYPLA1553TG  | NSYPLAZ1553G                                 | NSYTJPLA53G  | NSYECPLAZ53G  |                   |
| 1500                     | 500  | 420 | 1            | NSYPLA1554G   | NSYPLA1554TG  | NSYPLAZ1554G                                 | NSYTJPLA73G  | NSYECPLAZ73G  |                   |
| 1500                     | 750  | 320 | 1            | NSYPLA1573G   | NSYPLA1573TG  | NSYPLAZ1573G                                 | NSYTJPLA103G | NSYECPLAZ103G |                   |
| 1500                     | 750  | 420 | 1            | NSYPLA1574G   | NSYPLA1574TG  | NSYPLAZ1574G                                 | NSYTJPLA123G | NSYECPLAZ123G |                   |
| 1500                     | 750  | 620 | 1            | NSYPLA1576G   | NSYPLA1576TG  | NSYPLAZ1576G                                 | -            | -             |                   |
| 1500                     | 1000 | 320 | 2            | NSYPLA15103G  | NSYPLA15103TG | NSYPLAZ15103G                                | NSYTJPLA74G  | NSYECPLAZ74G  |                   |
| 1500                     | 1000 | 420 | 2            | NSYPLA15104G  | NSYPLA15104TG | NSYPLAZ15104G                                | NSYTJPLA76G  | NSYECPLAZ76G  |                   |
| 1500                     | 1250 | 320 | 2            | NSYPLA15123G  | NSYPLA15123TG | NSYPLAZ15123G                                | NSYTJPLA104G | NSYECPLAZ104G |                   |
| 1500                     | 1250 | 420 | 2            | NSYPLA15124G  | NSYPLA15124TG | NSYPLAZ15124G                                | NSYTJPLA124G | NSYECPLAZ124G |                   |
| 1500                     | 1250 | 620 | 2            | NSYPLA15126G  | NSYPLA15126TG | NSYPLAZ15126G                                | -            | -             |                   |
| 2000                     | 750  | 420 | 1            | NSYPLA2074G   | NSYPLA2074TG  | NSYPLAZ2074G                                 | -            | -             |                   |

(1) Open bottom: IP54.

(2) Glazed door: IK08.

## Plinths for PLA(T) type enclosures



| For enclosure |     |                  | 200 mm ZA plinth - RAL 7035 | 60 mm N plinth - RAL 7035 | Floor-fixing frame |
|---------------|-----|------------------|-----------------------------|---------------------------|--------------------|
| W             | D   | References       | References                  | References                |                    |
| 500           | 320 | NSYPLA(T) ● 53G  | NSYZA253G                   | NSYZNPLA53G               | NSYMFPLAZ53        |
| 750           | 320 | NSYPLA(T) ● 73G  | NSYZA273G                   | NSYZNPLA73G               | NSYMFPLAZ73        |
| 1000          | 320 | NSYPLA(T) ● 103G | NSYZA2103G                  | NSYZNPLA103G              | NSYMFPLAZ103       |
| 1250          | 320 | NSYPLA(T) ● 123G | NSYZA2123G                  | NSYZNPLA123G              | NSYMFPLAZ123       |
| 500           | 420 | NSYPLA(T) ● 54G  | NSYZA254G                   | NSYZNPLA54G               | NSYMFPLAZ54        |
| 1000          | 420 | NSYPLA(T) ● 104G | NSYZA2104G                  | NSYZNPLA104G              | NSYMFPLAZ104       |
| 1250          | 420 | NSYPLA(T) ● 124G | NSYZA2124G                  | NSYZNPLA124G              | NSYMFPLAZ124       |
| 750           | 620 | NSYPLA(T) ● 76G  | NSYZA276G                   | -                         | NSYMFPLAZ76        |
| 1250          | 620 | NSYPLA(T) ● 126G | NSYZA2126G                  | -                         | NSYMFPLAZ126       |
| 750           | 420 | NSYPLA(T) ● 74G  | NSYZA274G                   | NSYZNPLA74G               | NSYMFPLAZ74        |

# Thalassa PLA(Z)T



| Thalassa PLA(Z)T<br>IP44 - IK10 - RAL 7035 |  | Horizontal<br>coupling kits | Inner door                  | Heavy Duty range                 |                |                                    |                               |
|--|--|-----------------------------|-----------------------------|----------------------------------|----------------|------------------------------------|-------------------------------|
| With ventilated<br>canopy                  | With plinth-type open bottom<br>part and ventilated canopy |                             |                             | Outdoor Heavy Duty<br>enclosures |                | Ventilated<br>ZZ plinths<br>200 mm | Roof<br>ventilation<br>module |
| With door                                  | With door  |                             |                             | With door                        |                |                                    |                               |
| Plain                                      | Plain  |                             |                             | Anti-posting                     | Plain          |                                    |                               |
| NSYPLAT553G                                | NSYPLAZT553G   | NSYMUPLA53G                 | NSYPAPLA55G                 | NSYPHDT553                       | NSYPHDT553P    | -                                  | -                             |
| NSYPLAT554G                                | NSYPLAZT554G   | NSYMUPLA54G                 | NSYPAPLA55G                 | -                                | -              | -                                  | -                             |
| NSYPLAT573G                                | NSYPLAZT573G   | NSYMUPLA53G                 | NSYPAPLA57G                 | -                                | -              | -                                  | -                             |
| NSYPLAT574G                                | NSYPLAZT574G   | NSYMUPLA54G                 | NSYPAPLA57G                 | -                                | -              | -                                  | -                             |
| NSYPLAT5103G                               | NSYPLAZT5103G  | NSYMUPLA53G                 | 2 x NSYPAPLA55G             | -                                | -              | -                                  | -                             |
| NSYPLAT5104G                               | NSYPLAZT5104G  | NSYMUPLA54G                 | 2 x NSYPAPLA55G             | -                                | -              | -                                  | -                             |
| NSYPLAT5123G                               | NSYPLAZT5123G  | NSYMUPLA53G                 | NSYPAPLA55G + NSYPAPLA57G   | -                                | -              | -                                  | -                             |
| NSYPLAT5124G                               | NSYPLAZT5124G  | NSYMUPLA54G                 | NSYPAPLA55G + NSYPAPLA57G   | -                                | -              | -                                  | -                             |
| NSYPLAT753G                                | NSYPLAZT753G   | NSYMUPLA73G                 | NSYPAPLA75G                 | NSYPHDT753                       | NSYPHDT753P    | -                                  | -                             |
| NSYPLAT754G                                | NSYPLAZT754G   | NSYMUPLA74G                 | NSYPAPLA75G                 | -                                | -              | -                                  | -                             |
| NSYPLAT773G                                | NSYPLAZT773G   | NSYMUPLA73G                 | NSYPAPLA77G                 | -                                | -              | -                                  | -                             |
| NSYPLAT774G                                | NSYPLAZT774G   | NSYMUPLA74G                 | NSYPAPLA77G                 | NSYPHDZT774                      | NSYPHDZT774P   | NSYZZ274VHD                        | NSYPCVR74HD                   |
| NSYPLAT776G                                | NSYPLAZT776G   | NSYMUPLA76G                 | NSYPAPLA77G                 | NSYPHDZT776                      | NSYPHDZT776P   | NSYZZ276VHD                        | NSYPCVR76HD                   |
| NSYPLAT7103G                               | NSYPLAZT7103G  | NSYMUPLA73G                 | 2 x NSYPAPLA75G             | -                                | -              | -                                  | -                             |
| NSYPLAT7104G                               | NSYPLAZT7104G  | NSYMUPLA74G                 | 2 x NSYPAPLA75G             | -                                | -              | -                                  | -                             |
| NSYPLAT7123G                               | NSYPLAZT7123G  | NSYMUPLA73G                 | NSYPAPLA75G + NSYPAPLA77G   | -                                | -              | -                                  | -                             |
| NSYPLAT7124G                               | NSYPLAZT7124G  | NSYMUPLA74G                 | NSYPAPLA75G + NSYPAPLA77G   | -                                | -              | -                                  | -                             |
| NSYPLAT1053G                               | NSYPLAZT1053G  | NSYMUPLA103G                | NSYPAPLA105G                | -                                | -              | -                                  | -                             |
| NSYPLAT1054G                               | NSYPLAZT1054G  | NSYMUPLA104G                | NSYPAPLA105G                | NSYPHDZT1054                     | NSYPHDZT1054P  | NSYZZ254VHD                        | NSYPCVR54HD                   |
| NSYPLAT1073G                               | NSYPLAZT1073G  | NSYMUPLA103G                | NSYPAPLA107G                | -                                | -              | -                                  | -                             |
| NSYPLAT1074G                               | NSYPLAZT1074G  | NSYMUPLA104G                | NSYPAPLA107G                | NSYPHDZT1074                     | NSYPHDZT1074P  | NSYZZ274VHD                        | NSYPCVR74HD                   |
| NSYPLAT10103G                              | NSYPLAZT10103G   | NSYMUPLA103G                | 2 x NSYPAPLA105G            | -                                | -              | -                                  | -                             |
| NSYPLAT10104G                              | NSYPLAZT10104G   | NSYMUPLA104G                | 2 x NSYPAPLA105G            | -                                | -              | -                                  | -                             |
| NSYPLAT10123G                              | NSYPLAZT10123G   | NSYMUPLA103G                | NSYPAPLA105 + NSYPAPLA107G  | -                                | -              | -                                  | -                             |
| NSYPLAT10124G                              | NSYPLAZT10124G   | NSYMUPLA104G                | NSYPAPLA105 + NSYPAPLA107G  | -                                | -              | -                                  | -                             |
| NSYPLAT1253G                               | NSYPLAZT1253G  | NSYMUPLA123G                | NSYPAPLA125G                | -                                | -              | -                                  | -                             |
| NSYPLAT1254G                               | NSYPLAZT1254G  | NSYMUPLA124G                | NSYPAPLA125G                | NSYPHDZT1254                     | NSYPHDZT1254P  | NSYZZ254VHD                        | NSYPCVR54HD                   |
| NSYPLAT1273G                               | NSYPLAZT1273G  | NSYMUPLA123G                | NSYPAPLA127G                | -                                | -              | -                                  | -                             |
| NSYPLAT1274G                               | NSYPLAZT1274G  | NSYMUPLA124G                | NSYPAPLA127G                | NSYPHDZT1274                     | NSYPHDZT1274P  | NSYZZ274VHD                        | NSYPCVR74HD                   |
| NSYPLAT1276G                               | NSYPLAZT1276G  | NSYMUPLA126G                | NSYPAPLA127G                | NSYPHDZT1276                     | NSYPHDZT1276P  | NSYZZ276VHD                        | NSYPCVR76HD                   |
| NSYPLAT12103G                              | NSYPLAZT12103G   | NSYMUPLA123G                | 2 x NSYPAPLA125G            | -                                | -              | -                                  | -                             |
| NSYPLAT12104G                              | NSYPLAZT12104G   | NSYMUPLA124G                | 2 x NSYPAPLA125G            | -                                | -              | -                                  | -                             |
| NSYPLAT12123G                              | NSYPLAZT12123G   | NSYMUPLA123G                | NSYPAPLA125G + NSYPAPLA127G | -                                | -              | -                                  | -                             |
| NSYPLAT12124G                              | NSYPLAZT12124G   | NSYMUPLA124G                | NSYPAPLA125G + NSYPAPLA127G | NSYPHDZT12124                    | NSYPHDZT12124P | NSYZZ2124VHD                       | NSYPCVR124HD                  |
| NSYPLAT12126G                              | NSYPLAZT12126G   | NSYMUPLA126G                | NSYPAPLA125G + NSYPAPLA127G | NSYPHDZT12126                    | NSYPHDZT12126P | NSYZZ2126VHD                       | NSYPCVR126HD                  |
| NSYPLAT1553G                               | NSYPLAZT1553G  | NSYMUPLA153G                | NSYPAPLA155G                | -                                | -              | -                                  | -                             |
| NSYPLAT1554G                               | NSYPLAZT1554G  | NSYMUPLA154G                | NSYPAPLA155G                | -                                | -              | -                                  | -                             |
| NSYPLAT1573G                               | NSYPLAZT1573G  | NSYMUPLA153G                | NSYPAPLA157G                | -                                | -              | -                                  | -                             |
| NSYPLAT1574G                               | NSYPLAZT1574G  | NSYMUPLA154G                | NSYPAPLA157G                | NSYPHDZT1574                     | NSYPHDZT1574P  | NSYZZ274VHD                        | NSYPCVR74HD                   |
| NSYPLAT1576G                               | NSYPLAZT1576G  | NSYMUPLA156G                | NSYPAPLA157G                | NSYPHDZT1576                     | NSYPHDZT1576P  | NSYZZ276VHD                        | NSYPCVR76HD                   |
| NSYPLAT15103G                              | NSYPLAZT15103G   | NSYMUPLA153G                | 2 x NSYPAPLA155G            | -                                | -              | -                                  | -                             |
| NSYPLAT15104G                              | NSYPLAZT15104G   | NSYMUPLA154G                | 2 x NSYPAPLA155G            | -                                | -              | -                                  | -                             |
| NSYPLAT15123G                              | NSYPLAZT15123G   | NSYMUPLA153G                | NSYPAPLA155G + NSYPAPLA157G | -                                | -              | -                                  | -                             |
| NSYPLAT15124G                              | NSYPLAZT15124G   | NSYMUPLA154G                | NSYPAPLA155G + NSYPAPLA157G | NSYPHDZT15124                    | NSYPHDZT15124P | NSYZZ2124VHD                       | NSYPCVR124HD                  |
| NSYPLAT15126G                              | NSYPLAZT15126G   | NSYMUPLA156G                | NSYPAPLA155G + NSYPAPLA157G | NSYPHDZT15126                    | NSYPHDZT15126P | NSYZZ2126VHD                       | NSYPCVR126HD                  |
| NSYPLAT2074G                               | NSYPLAZ2074G   | -                           | -                           | NSYPHDZT2074                     | NSYPHDZT2074P  | NSYZZ274VHD                        | NSYPCVR74HD                   |

## Plinths for PLAZ(T) type enclosures



| For enclosure |     |                   | 200 mm ZZ plinth - RAL 7035 | 500 mm ZZ plinth - RAL 7035 | 900 mm H plinth - RAL 7035 | Wall-fixing lugs |
|---------------|-----|-------------------|-----------------------------|-----------------------------|----------------------------|------------------|
| W             | D   | References        | References                  | References                  | References                 | References       |
| 500           | 320 | NSYPLAZ(T) ● 53G  | NSYZZ253G                   | NSYZZ553G                   | NSYZHPLA53G                | NSYFMPLA         |
| 750           | 320 | NSYPLAZ(T) ● 73G  | NSYZZ273G                   | NSYZZ573G                   | NSYZHPLA73G                | NSYFMPLA         |
| 1000          | 320 | NSYPLAZ(T) ● 103G | NSYZZ2103G                  | NSYZZ5103G                  | NSYZHPLA103G               | NSYFMPLA         |
| 1250          | 320 | NSYPLAZ(T) ● 123G | NSYZZ2123G                  | NSYZZ5123G                  | NSYZHPLA123G               | NSYFMPLA         |
| 500           | 420 | NSYPLAZ(T) ● 54G  | NSYZZ254G                   | NSYZZ554G                   | NSYZHPLA54G                | NSYFMPLA         |
| 1000          | 420 | NSYPLAZ(T) ● 104G | NSYZZ2104G                  | NSYZZ5104G                  | NSYZHPLA104G               | NSYFMPLA         |
| 1250          | 420 | NSYPLAZ(T) ● 124G | NSYZZ2124G                  | NSYZZ5124G                  | NSYZHPLA124G               | NSYFMPLA         |
| 750           | 620 | NSYPLAZ(T) ● 76G  | NSYZZ276G                   | -                           | -                          | NSYFMPLA         |
| 1250          | 620 | NSYPLAZ(T) ● 126G | NSYZZ2126G                  | -                           | -                          | NSYFMPLA         |
| 750           | 420 | NSYPLAZ(T) ● 74G  | NSYZZ274G                   | NSYZZ574G                   | NSYZHPLA74G                | NSYFMPLA         |

# Thermal management system

## ClimaSys CV: ventilation systems



|     | Fan flow rate (m³/h) |                      |                       | Voltage (V)     | Forced ventilation |               |                 |              |                      |
|-----|----------------------|----------------------|-----------------------|-----------------|--------------------|---------------|-----------------|--------------|----------------------|
|     | Free with filter     | With 1 outlet grille | With 2 outlet grilles |                 | Fan with filter    | Outlet grille | Covers          |              |                      |
|     |                      |                      |                       |                 | IP54 - RAL 7035    |               | IP54 - RAL 7035 | IP55 Steel   | IP55 Stainless-steel |
|     | 50 Hz                | 50 Hz                | 50 Hz                 |                 |                    |               |                 |              |                      |
|     | 38                   | 25                   | 33                    | 230             | NSYCVF38M230PF     | NSYCAG92LPF   | -               | -            | -                    |
|     | 38                   | 27                   | 35                    | 115             | NSYCVF38M115PF     |               |                 |              |                      |
|     | 58                   | 39                   | 47                    | 24 DC           | NSYCVF38M24DPF     |               |                 |              |                      |
| 44  | 34                   | 41                   | 48 DC                 | NSYCVF38M48DPF  |                    |               |                 |              |                      |
|     | 85                   | 63                   | 71                    | 230             | NSYCVF85M230PF     | NSYCAG125LPF  | NSYCAP125LZF    | NSYCAP125LXF | NSYCAP125LE          |
|     | 79                   | 65                   | 73                    | 115             | NSYCVF85M115PF     |               |                 |              |                      |
|     | 80                   | 57                   | 77                    | 24 DC           | NSYCVF85M24DPF     |               |                 |              |                      |
|     | 79                   | 59                   | 68                    | 48 DC           | NSYCVF85M48DPF     |               |                 |              |                      |
|     | 165                  | 153                  | 161                   | 230             | NSYCVF165M230PF    | NSYCAG223LPF  | NSYCAP223LZF    | NSYCAP223LXF | NSYCAP223LE          |
|     | 164                  | 153                  | 161                   | 115             | NSYCVF165M115PF    |               |                 |              |                      |
|     | 188                  | 171                  | 179                   | 24 DC           | NSYCVF165M24DPF    |               |                 |              |                      |
|     | 193                  | 171                  | 179                   | 48 DC           | NSYCVF165M48DPF    |               |                 |              |                      |
|     | 302                  | 260                  | 268                   | 230             | NSYCVF300M230PF    |               |                 |              |                      |
|     | 302                  | 263                  | 271                   | 115             | NSYCVF300M115PF    |               |                 |              |                      |
|     | 262                  | 221                  | 229                   | 24 DC           | NSYCVF300M24DPF    |               |                 |              |                      |
| 247 | 210                  | 218                  | 48 DC                 | NSYCVF300M48DPF |                    |               |                 |              |                      |
|     | 562                  | 473                  | 481                   | 230             | NSYCVF560M230PF    | NSYCAG291LPF  | NSYCAP291LZF    | NSYCAP291LXF | NSYCAP291LE          |
|     | 582                  | 485                  | 494                   | 115             | NSYCVF560M115PF    |               |                 |              |                      |
|     | 838                  | 718                  | 728                   | 230             | NSYCVF850M230PF    |               |                 |              |                      |
|     | 983                  | 843                  | 854                   | 115             | NSYCVF850M115PF    |               |                 |              |                      |
|     | 931                  | 798                  | 809                   | 400             | NSYCVF850M400PF    |               |                 |              |                      |

## ClimaSys CE: air-air exchangers



| Side-mounting models - 230V - IP55 |            |
|------------------------------------|------------|
| Specific power (W/K)               | References |
| 22                                 | NSYCEA22E  |
| 36                                 | NSYCEA36   |
| 50                                 | NSYCEA50   |
| 80                                 | NSYCEA80   |

## ClimaSys CE: air-water exchangers



| Side-mounting models - IP55 |                                    |             |              |                 |
|-----------------------------|------------------------------------|-------------|--------------|-----------------|
| Cooling power W10A35 (W)    | Hydraulic circuit maximum pressure | Voltage (V) | References   |                 |
|                             |                                    |             | Steel        | Stainless-steel |
| 1000                        | 5 bar                              | 1 x 230     | NSYCEW1K*    | NSYCEWX1K*      |
| 1750                        | 5 bar                              | 1 x 230     | NSYCEW1K8*   | NSYCEWX1K8*     |
| 2500                        | 5 bar                              | 1 x 230     | NSYCEW2K5*   | NSYCEWX2K5*     |
| 3500                        | 5 bar                              | 1 x 230     | NSYCEW3K5*   | NSYCEWX3K5*     |
| 4500                        | 5 bar                              | 1 x 230     | NSYCEW4K5*   | NSYCEWX4K5*     |
| 6000                        | 5 bar                              | 1 x 230     | NSYCEW6K*    | NSYCEWX6K*      |
| 6000                        | 8 bar                              | 2 x 400-440 | NSYCEW6K2P4  | NSYCEWX6K2P4    |
| 10000                       | 8 bar                              | 1 x 230     | NSYCEW10K    | NSYCEWX10K      |
| 10000                       | 8 bar                              | 2 x 400-440 | NSYCEW10K2P4 | NSYCEWX10K2P4   |
| 15000                       | 8 bar                              | 1 x 230     | NSYCEW15K    | NSYCEWX15K      |
| 15000                       | 8 bar                              | 2 x 400-440 | NSYCEW15K2P4 | NSYCEWX15K2P4   |

\* For UL version add UL to the end of the reference (example: NSYCEW6KUL).



| Top-mounting model - IP55 |                                    |             |            |
|---------------------------|------------------------------------|-------------|------------|
| Specific power (W/K)      | Hydraulic circuit maximum pressure | Voltage (V) | References |
| 2500                      | 5 bar                              | 1 x 230     | NSYCEW2K5R |

# ClimaSys CU: cooling units



## Side-mounting models - IP55

| Cooling power L35-L35<br>W (Btu/h) | Voltage<br>(V AC) | References           |                                |                    |
|------------------------------------|-------------------|----------------------|--------------------------------|--------------------|
|                                    |                   | Steel <sup>(1)</sup> | Stainless-steel <sup>(1)</sup> | Outdoor heavy duty |
| 300 (1024)                         | 230               | NSYCU300H*           | -                              | -                  |
| 380 (1297)                         | 230               | NSYCU400             | NSYCUX400*                     | NSYCUHD400         |
| 640 (2184)                         | 230               | NSYCU600             | NSYCUX600                      | NSYCUHD600         |
| 820 (2798)                         | 230               | NSYCU800             | NSYCUX800                      | NSYCUHD800         |
| 1000 (3412)                        | 230               | NSYCU1K              | NSYCUX1K                       | NSYCUHD1K          |
| 1000 (3412)                        | 400               | NSYCU1K2P4           | NSYCUX1K2P4                    | NSYCUHD1K2P4       |
| 1250 (4265)                        | 230               | NSYCU1K2             | NSYCUX1K2                      | -                  |
| 1600 (5459)                        | 230               | NSYCU1K6             | NSYCUX1K6                      | NSYCUHD1K6         |
| 1600 (5459)                        | 400               | NSYCU1K62P4          | NSYCUX1K62P4                   | NSYCUHD1K62P4      |
| 2000 (6824)                        | 230               | NSYCU2K              | NSYCUX2K                       | -                  |
| 2000 (6824)                        | 400               | NSYCU2K3P4           | NSYCUX2K3P4                    | NSYCUHD2K3P4       |
| 2900 (9895)                        | 400               | NSYCU3K3P4           | NSYCUX3K3P4                    | NSYCUHD3K3P4       |
| 3850 (13137)                       | 400               | NSYCU4K3P4           | NSYCUX4K3P4                    | NSYCUHD4K3P4       |

(1) For UL version add UL to the end of the reference (example: NSYCU1KUL).

\* No UL version available.

## Floor-standing models - IP54

| Cooling power L35-L35<br>W (Btu/h) | Voltage<br>(V AC) | References    |
|------------------------------------|-------------------|---------------|
|                                    |                   | Steel         |
| 5800 W (19790)                     | 3 x 400           | NSYCU6K3P4    |
| 6050 W (20643)                     | 3 x 460           | NSYCU6K3P460  |
| 7600 W (25932)                     | 3 x 400           | NSYCU8K3P4    |
| 7950 W (27126)                     | 3 x 460           | NSYCU8K3P460  |
| 9400 W (32074)                     | 3 x 400           | NSYCU10K3P4   |
| 9850 W (33610)                     | 3 x 460           | NSYCU10K3P460 |
| 14800 W (50500)                    | 3 x 400           | NSYCU15K3P4   |
| 15150 W (51694)                    | 3 x 460           | NSYCU15K3P460 |



## Top-mounting models - IP54

| Cooling power<br>L35-L35<br>W (Btu/h) | Voltage<br>(V) | References           |                 |
|---------------------------------------|----------------|----------------------|-----------------|
|                                       |                | Steel <sup>(1)</sup> | Stainless-steel |
| 410 (1399)                            | 230            | NSYCU400R            | NSYCUX400R      |
| 820 (2798)                            | 230            | NSYCU800R            | NSYCUX800R      |
| 1150 (3924)                           | 230            | NSYCU1K2R            | NSYCUX1K2R      |
| 1550 (5289)                           | 230            | NSYCU1K5R            | NSYCUX1K5R      |
| 2050 (6995)                           | 230            | NSYCU2KR*            | NSYCUX2KR       |
| 2050 (6995)                           | 400            | NSYCU2K3P4R          | NSYCUX2K3P4R    |
| 2900 (9895)                           | 400            | NSYCU3K3P4R          | NSYCUX3K3P4R    |
| 3850 (13137)                          | 400            | NSYCU4K3P4R          | NSYCUX4K3P4R    |

(1) For UL version add UL to the end of the reference (example: NSYCU1K2RUL).

\* No UL version available.



## Side-mounting SLIM models - IP55

| Cooling power<br>L35-L35<br>W (Btu/h) | Voltage<br>(V) | References      |                    |
|---------------------------------------|----------------|-----------------|--------------------|
|                                       |                | UL Steel        | UL Stainless-steel |
| 1100 (3753)                           | 230            | NSYCUS1K1UL     | NSYCUSX1K1UL       |
| 1100 (3753)                           | 400            | NSYCUS1K12P4UL  | NSYCUSX1K12P4UL    |
| 1500 (5118)                           | 230            | NSYCUS1K5UL     | NSYCUSX1K5UL       |
| 1500 (5118)                           | 400            | NSYCUS1K52P4UL  | NSYCUSX1K52P4UL    |
| 2000 (6824)                           | 230            | NSYCUS2KUL      | NSYCUSX2KUL        |
| 2000 (6824)                           | 400            | NSYCUS2K3P460UL | NSYCUSX2K3P4UL     |
| 2500 (8530)                           | 230            | NSYCUS2K5UL     | NSYCUSX2K5UL       |
| 2500 (8530)                           | 400            | NSYCUS2K53P4UL  | NSYCUSX2K53P4UL    |
| 3200 (10919)                          | 230            | NSYCUS3K2UL     | NSYCUSX3K2UL       |
| 3200 (10919)                          | 400            | NSYCUS3K23P4UL  | NSYCUSX3K23P4UL    |



## ClimaSys CR: insulated resistance heaters



| Insulated resistance heaters - 2 poles |             |                     |
|--|-------------|---------------------|
| Power (W)                              | Voltage (V) | Reference           |
| 10                                     | 110-250 AC  | <b>NSYCR10WU2C*</b> |
| 10                                     | 12-24 DC    | <b>NSYCR10WU1C</b>  |
| 20                                     | 110-250 AC  | <b>NSYCR20WU2C*</b> |
| 20                                     | 12-24 DC    | <b>NSYCR20WU1C</b>  |



| Insulated resistance heaters - 4 poles |             |                      |
|--|-------------|----------------------|
| Power (W)                              | Voltage (V) | Reference            |
| 55                                     | 110-250 AC  | <b>NSYCR50WU2C*</b>  |
| 55                                     | 12-24 DC    | <b>NSYCR50WU1C</b>   |
| 55                                     | 270-420 AC  | <b>NSYCR50WU3C</b>   |
| 100                                    | 110-250 AC  | <b>NSYCR100WU2C*</b> |
| 100                                    | 12-24 DC    | <b>NSYCR100WU1C</b>  |
| 100                                    | 270-420 AC  | <b>NSYCR100WU3C</b>  |
| 147                                    | 110-250 AC  | <b>NSYCR150WU2C*</b> |
| 147                                    | 12-24 DC    | <b>NSYCR150WU1C</b>  |



| Insulated resistance heater with fan |             |                         |
|--------------------------------------|-------------|-------------------------|
| Power (W)                            | Voltage (V) | Reference               |
| 177                                  | 230 AC      | <b>NSYCR170W230VVC*</b> |



| Thermofans |             |                          |
|------------|-------------|--------------------------|
| Power (W)  | Voltage (V) | References               |
| 400/550    | 120 AC      | <b>NSYCRP1W120VTVVC*</b> |
| 400/550    | 230 AC      | <b>NSYCRP1W230VTVVC*</b> |

\* Models with UL certification.

## ClimaSys CR: aluminium resistance heaters



| Aluminium resistance heaters |             |                     |
|------------------------------|-------------|---------------------|
| Power (W)                    | Voltage (V) | References          |
| <b>Power cord</b>            |             |                     |
| 10                           | 12-24 DC    | <b>NSYCR10WU1</b>   |
| 10                           | 110-250 AC  | <b>NSYCR10WU2*</b>  |
| 20                           | 12-24 DC    | <b>NSYCR20WU1</b>   |
| 20                           | 110-250 AC  | <b>NSYCR20WU2*</b>  |
| <b>Terminal block</b>        |             |                     |
| 20                           | 270-420 AC  | <b>NSYCR20WU3</b>   |
| 55                           | 12-24 DC    | <b>NSYCR55WU1</b>   |
| 55                           | 110-250 AC  | <b>NSYCR55WU2*</b>  |
| 55                           | 270-420 AC  | <b>NSYCR55WU3</b>   |
| 90                           | 12-24 DC    | <b>NSYCR100WU1</b>  |
| 90                           | 110-250 AC  | <b>NSYCR100WU2*</b> |
| 90                           | 270-420 AC  | <b>NSYCR100WU3</b>  |
| 150                          | 12-24 DC    | <b>NSYCR150WU1</b>  |
| 150                          | 110-250 AC  | <b>NSYCR150WU2*</b> |
| 150                          | 270-420 AC  | <b>NSYCR150WU3</b>  |



| Aluminium resistance heaters with fan |             |                        |
|---------------------------------------|-------------|------------------------|
| Power (W)                             | Voltage (V) | References             |
| 250                                   | 115 AC      | <b>NSYCR250W115VV*</b> |
| 250                                   | 230 AC      | <b>NSYCR250W230VV*</b> |
| 400                                   | 115 AC      | <b>NSYCR400W115VV*</b> |
| 400                                   | 230 AC      | <b>NSYCR400W230VV*</b> |
| 200                                   | 115 AC      | <b>NSYCRS200W115V</b>  |
| 200                                   | 230 AC      | <b>NSYCRS200W230V</b>  |

\* Models with UL certification.

## ClimaSys CR: ultra thin resistance heaters



| Ultra thin resistance heaters* |             |                    |             |            |            |                           |
|--------------------------------|-------------|--------------------|-------------|------------|------------|---------------------------|
| Power (W)                      | Voltage (V) | Inrush current (A) | Height (mm) | Width (mm) | Depth (mm) | References <sup>(1)</sup> |
| 10                             | 120         | 0.08               | 130         | 250        | 1.6        | <b>NSYCRS10W120V</b>      |
| 10                             | 240         | 0.04               | 130         | 250        | 1.6        | <b>NSYCRS10W240V</b>      |
| 25                             | 120         | 0.21               | 130         | 250        | 1.6        | <b>NSYCRS25W120V</b>      |
| 25                             | 240         | 0.10               | 130         | 250        | 1.6        | <b>NSYCRS25W240V</b>      |
| 50                             | 120         | 0.42               | 200         | 320        | 1.6        | <b>NSYCRS50W120V</b>      |
| 50                             | 240         | 0.21               | 200         | 320        | 1.6        | <b>NSYCRS50W240V</b>      |
| 100                            | 120         | 0.83               | 280         | 450        | 1.6        | <b>NSYCRS100W120V</b>     |
| 100                            | 240         | 0.42               | 280         | 450        | 1.6        | <b>NSYCRS100W240V</b>     |
| 200                            | 120         | 1.67               | 400         | 650        | 1.6        | <b>NSYCRS200W120V</b>     |
| 200                            | 240         | 0.83               | 400         | 650        | 1.6        | <b>NSYCRS200W240V</b>     |

\* Ultra thin resistance heaters can be manufactured with different dimensions and power ratings than those indicated above. Please contact us.

(1) All Ultra thin resistance heaters are UL certified.

# ClimaSys CC: thermal control



## Mechanical controllers



NC thermostat

| Control a resistance heater or an alarm |                   |
|---|-------------------|
| Setting range                           | References        |
| 0...+60 °C                              | <b>NSYCCOTHC</b>  |
| +32...+140 °F                           | <b>NSYCCOTHCF</b> |



NO thermostat

| Control a fan or an alarm |                   |
|---------------------------|-------------------|
| Setting range             | References        |
| 0...+60 °C                | <b>NSYCCOTHO</b>  |
| +32...+140 °F             | <b>NSYCCOTHOF</b> |



Double thermostat

| Control a resistance heater and a fan |                   |
|---------------------------------------|-------------------|
| Setting range                         | References        |
| 0...+60 °C                            | <b>NSYCCOTHD</b>  |
| +32...+140 °F                         | <b>NSYCCOTHDF</b> |



Thermostat with inverse contact

| Control a resistance heater or a fan |                   |
|--------------------------------------|-------------------|
| Setting range                        | References        |
| 0...+60 °C                           | <b>NSYCCOTHI</b>  |
| +32...+140 °F                        | <b>NSYCCOTHIF</b> |

## Electronical controllers



Electronic thermostat

| Control a resistance heater or a fan |          |  |
|--------------------------------------|----------|--|
| Setting range                        | Display  | References   |
| -40 °C...<br>+80 °C                  | °C or °F | <b>NSYCCOTH30VID</b><br><b>NSYCCOTH120VID</b><br><b>NSYCCOTH230VID</b> |

7 different operating modes.  
Option of installing one or two external sensors.



Electronic hygostat

| Control relative humidity |         |  |
|---------------------------|---------|--|
| Setting range             | Display | References   |
| 20 %...80 %               | % RH    | <b>NSYCCOHY30VID</b><br><b>NSYCCOHY120VID</b><br><b>NSYCCOHY230VID</b> |

2 different operating modes.



Electronic hygrotherm

| Control temperature and relative humidity |          |   |
|---|----------|---|
| Setting range                             | Display  | References  |
| -40 °C...<br>+80 °C                       | °C or °F | <b>NSYCCOHYT30VID</b><br><b>NSYCCOHYT120VID</b><br><b>NSYCCOHYT230VID</b> |

3 different operating modes.  
Option of installing an external sensor.

## Sensors



Temperature sensor

| External temperature sensor (double insulation) |  |
|---|--|
| Reference                                       |  |
| <b>NSYCCASTE</b>                                |  |

# ClimaSys DT: diagnostic tools



| Single-use temperature recorder |     |                   |           |
|---------------------------------|-----|-------------------|-----------|
| Temperature                     | RH* | Reference         | Model     |
| -40°C...<br>+80°C               | -   | <b>NSYDTEFSMT</b> | DTminilog |

\* RH : Relative humidity



| Temperature recorder |     |                   |       |
|----------------------|-----|-------------------|-------|
| Temperature          | RH* | Reference         | Model |
| -40°C...<br>+80°C    | -   | <b>NSYDTEF32T</b> | DTT   |

\* RH : Relative humidity



| Temperature, humidity and dew point recorder |              |                     |       |
|--|--------------|---------------------|-------|
| Temperature                                  | RH*          | Reference           | Model |
| -40°C...<br>+80°C                            | 5% to<br>95% | <b>NSYDTEF32TRH</b> | DTH   |

\* RH : Relative humidity

➤ Capture thermal data to find the right thermal solutions

1 ClimaSys DT diagnostic tools + 2 EffiClima software + 3 ProClima software

# Thermal accessories for outdoor Heavy Duty enclosures



| Fanbox      |                        |
|-------------|------------------------|
| Voltage (V) | References             |
| 24 DC       | <b>NSYCVF550M24FB</b>  |
| 48 DC       | <b>NSYCVF550M48FB</b>  |
| 115 AC      | <b>NSYCVF550M115FB</b> |
| 230 AC      | <b>NSYCVF550M230FB</b> |



| Roof filter for fanbox |  |
|------------------------|--|
| Reference              |  |
| <b>NSYCAF190</b>       |  |



| IP55 HD Metal Grille |  |
|----------------------|--|
| Reference            |  |
| <b>NSYCAG223LFHD</b> |  |



| Filter            |  |
|-------------------|--|
| Reference         |  |
| <b>NSYCAF223T</b> |  |



| Anti-vandalism kit for HD metal grille |  |
|--|--|
| Reference                              |  |
| <b>NSYCAAPVHD</b>                      |  |

# Thalassa PLS, Spacial SBM

# For boxes

## Thalassa PLS



| For installing in the boxes (mm) |     |     | Metallic mounting plates |            | Insulating mounting plates |            |
|----------------------------------|-----|-----|--------------------------|------------|----------------------------|------------|
| H                                | W   | D   | Plain                    | Telequick  | Polyester                  | Bakelite   |
| 180                              | 270 | 180 | NSYPMM1827               | NSYPMR1827 | NSYPMA1827G                | NSYPMB1827 |
| 270                              | 270 | 180 | NSYPMM2727               | NSYPMR2727 | NSYPMA2727G                | NSYPMB2727 |
| 270                              | 270 | 230 | NSYPMM2727               | NSYPMR2727 | NSYPMA2727G                | NSYPMB2727 |
| 270                              | 360 | 180 | NSYPMM2736               | NSYPMR2736 | NSYPMA2736G                | NSYPMB2736 |
| 270                              | 360 | 230 | NSYPMM2736               | NSYPMR2736 | NSYPMA2736G                | NSYPMB2736 |
| 270                              | 540 | 180 | NSYPMM2754               | NSYPMR2754 | NSYPMA2754G                | NSYPMB2754 |
| 270                              | 540 | 230 | NSYPMM2754               | NSYPMR2754 | NSYPMA2754G                | NSYPMB2754 |
| 360                              | 360 | 180 | NSYPMM3636               | -          | NSYPMA3636G                | NSYPMB3636 |
| 360                              | 540 | 180 | NSYPMM3654               | NSYPMR3654 | NSYPMA3654G                | NSYPMB3654 |
| 360                              | 540 | 230 | NSYPMM3654               | NSYPMR3654 | NSYPMA3654G                | NSYPMB3654 |
| 360                              | 720 | 230 | NSYPMM3672               | NSYPMR3672 | NSYPMA3672G                | NSYPMB3672 |
| 540                              | 540 | 180 | NSYPMM5454               | NSYPMR5454 | NSYPMA5454G                | NSYPMB5454 |
| 540                              | 540 | 230 | NSYPMM5454               | NSYPMR5454 | NSYPMA5454G                | NSYPMB5454 |
| 540                              | 720 | 230 | NSYPMM5472               | NSYPMR5472 | NSYPMA5472G                | NSYPMB5472 |

## Spacial SBM



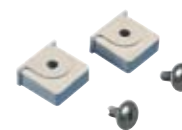
| Box external dimensions |     |     | Plain mounting plate | DIN rail       | Post fastening |
|-------------------------|-----|-----|----------------------|----------------|----------------|
| H                       | W   | D   |                      |                |                |
| 150                     | 150 | 80  | NSYMM11SB            | NSYAMRD15357SB | NSYSFPSC15     |
| 150                     | 150 | 120 | NSYMM11SB            | NSYAMRD15357SB | NSYSFPSC15     |
| 150                     | 200 | 80  | NSYMM12SB            | NSYAMRD20357SB | NSYSFPSC20     |
| 150                     | 200 | 120 | NSYMM12SB            | NSYAMRD20357SB | NSYSFPSC20     |
| 150                     | 300 | 80  | NSYMM13SB            | NSYAMRD30357SB | NSYSFPSC30     |
| 150                     | 300 | 120 | NSYMM13SB            | NSYAMRD30357SB | NSYSFPSC30     |
| 150                     | 400 | 80  | NSYMM14SB            | NSYAMRD40357SB | NSYSFPSC40     |
| 150                     | 400 | 120 | NSYMM14SB            | NSYAMRD40357SB | NSYSFPSC40     |
| 200                     | 200 | 80  | NSYMM22SB            | NSYAMRD20357SB | NSYSFPSC20     |
| 200                     | 200 | 120 | NSYMM22SB            | NSYAMRD20357SB | NSYSFPSC20     |
| 200                     | 300 | 80  | NSYMM23SB            | NSYAMRD30357SB | NSYSFPSC30     |
| 200                     | 300 | 120 | NSYMM23SB            | NSYAMRD30357SB | NSYSFPSC30     |
| 200                     | 400 | 80  | NSYMM24SB            | NSYAMRD40357SB | NSYSFPSC40     |
| 200                     | 400 | 120 | NSYMM24SB            | NSYAMRD40357SB | NSYSFPSC40     |
| 200                     | 500 | 80  | NSYMM25SB            | NSYAMRD50357SB | NSYSFPSC50     |
| 200                     | 500 | 120 | NSYMM25SB            | NSYAMRD50357SB | NSYSFPSC50     |
| 200                     | 600 | 80  | NSYMM26SB            | NSYAMRD60357SB | NSYSFPSC60     |
| 200                     | 600 | 120 | NSYMM26SB            | NSYAMRD60357SB | NSYSFPSC60     |
| 200                     | 800 | 120 | NSYMM28SB            | NSYAMRD80357SB | NSYSFPSC80     |
| 300                     | 300 | 120 | NSYMM33SB            | NSYAMRD30357SB | NSYSFPSC30     |
| 300                     | 400 | 120 | NSYMM34SB            | NSYAMRD40357SB | NSYSFPSC40     |
| 300                     | 500 | 120 | NSYMM35SB            | NSYAMRD50357SB | NSYSFPSC50     |
| 300                     | 600 | 120 | NSYMM36SB            | NSYAMRD60357SB | NSYSFPSC60     |
| 300                     | 800 | 120 | NSYMM38SB            | NSYAMRD80357SB | NSYSFPSC80     |
| 400                     | 400 | 120 | NSYMM44SB            | NSYAMRD40357SB | NSYSFPSC40     |
| 400                     | 500 | 120 | NSYMM45SB            | NSYAMRD50357SB | NSYSFPSC50     |
| 400                     | 600 | 120 | NSYMM46SB            | NSYAMRD60357SB | NSYSFPSC60     |
| 400                     | 800 | 120 | NSYMM48SB            | NSYAMRD80357SB | NSYSFPSC80     |

## Step slides for Thalassa PLM

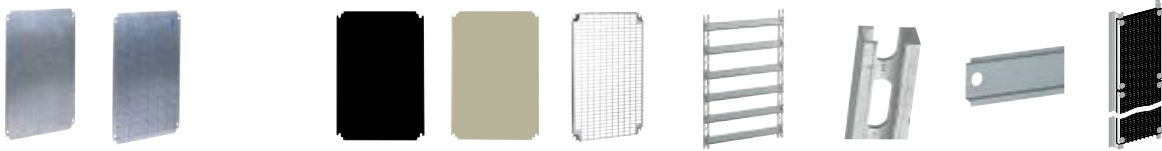


| For wall mounting enclosure |  | References |
|-----------------------------|--|------------|
| Depth (mm)                  |  |            |
| 200                         |  | NSYDPLM200 |
| 250                         |  | NSYDPLM250 |
| 300                         |  | NSYDPLM300 |
| 350                         |  | NSYDPLM350 |

## Plastic nuts for rail fixing for Thalassa PLM



| Description                            | References   |
|--|--------------|
| Plastic nut with self-tapping screw    | NSYTCSPLM    |
| Plastic nut containing an M6 metal nut | NSYTCSTM6PLM |



| External dimensions (mm) |      | Plain mounting plate | Silkscreened | Microperforated | Bakelite  | Polyester  | Telequick mounting plate | DIN rail chassis |      | Aluminum vertical rails | Symmetrical DIN rail for aluminum upright | Joinable Telequick mounting plate |
|--------------------------|------|----------------------|--------------|-----------------|-----------|------------|--------------------------|------------------|------|-------------------------|---|-----------------------------------|
| H                        | W    |                      |              |                 |           |            |                          |                  | type |                         |   |                                   |
| 60                       | 700  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA0670                         |
| 120                      | 700  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA1270                         |
| 200                      | 200  | NSYMM22              | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | -                                 |
| 200                      | 300  | NSYMM23              | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | -                                 |
| 250                      | 200  | NSYMM2520            | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | -                                 |
| 250                      | 400  | NSYMM2540            | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | -                                 |
| 250                      | 500  | NSYMM2550            | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | -                                 |
| 300                      | 150  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA3015                         |
| 300                      | 195  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA3020                         |
| 300                      | 200  | NSYMM32              | -            | NSYMF32         | NSYMB32   | NSYMPP32   | NSYMR32                  | -                | -    | NSYMDVR3                | -   | -                                 |
| 300                      | 250  | NSYMM3025            | -            | -               | NSYMB3025 | NSYMPP3025 | NSYMR3025                | -                | -    | NSYMDVR3                | -   | -                                 |
| 300                      | 300  | NSYMM33              | -            | NSYMF33         | NSYMB33   | -          | NSYMR33                  | NSYMD33          | B    | NSYMDVR3                | NSYSDR30B                                 | -                                 |
| 300                      | 400  | NSYMM43              | NSYMS43      | NSYMF43*        | NSYMB43   | NSYMPP43   | NSYMR34                  | -                | -    | NSYMDVR3                | NSYSDR40B                                 | -                                 |
| 300                      | 450  | NSYMM3045            | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | -                                 |
| 300                      | 500  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA3050                         |
| 300                      | 600  | NSYMM36              | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | -                                 |
| 300                      | 700  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA3070                         |
| 400                      | 300  | NSYMM43              | NSYMS43      | -               | NSYMB43   | NSYMPP43   | NSYMR43                  | NSYMD43          | B    | NSYMDVR4                | NSYSDR30B                                 | -                                 |
| 400                      | 400  | -                    | -            | NSYMF44         | -         | -          | NSYMR44                  | -                | -    | -                       | -   | -                                 |
| 400                      | 600  | NSYMM64              | NSYMS64      | -               | NSYMB64   | NSYMPP64   | NSYMR46                  | -                | -    | NSYMDVR4                | NSYSDR60A                                 | -                                 |
| 400                      | 800  | NSYMM48              | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | -                                 |
| 405                      | 300  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA4030                         |
| 500                      | 300  | NSYMM35              | NSYMS53      | NSYMF53         | -         | -          | NSYMR53                  | -                | -    | NSYMDVR5                | NSYSDR30B                                 | -                                 |
| 500                      | 400  | NSYMM54              | NSYMS54      | NSYMF54         | NSYMB54   | NSYMPP54   | NSYMR54                  | NSYMD54          | B    | NSYMDVR5                | NSYSDR40B                                 | -                                 |
| 500                      | 500  | NSYMM55              | NSYMS55      | NSYMF55         | -         | -          | NSYMR55                  | -                | -    | NSYMDVR5                | NSYSDR50A                                 | -                                 |
| 600                      | 400  | NSYMM64              | NSYMS64      | NSYMF64*        | NSYMB64   | NSYMPP64   | NSYMR64                  | NSYMD64          | B    | NSYMDVR6                | NSYSDR40B                                 | AM1PA6040                         |
| 600                      | 500  | NSYMM65              | -            | NSYMF65         | NSYMB65   | -          | NSYMR65                  | -                | -    | NSYMDVR6                | NSYSDR50A                                 | AM1PA6050                         |
| 600                      | 600  | NSYMM66              | NSYMS66      | NSYMF66         | -         | -          | NSYMR66                  | NSYMD66          | A    | NSYMDVR6                | NSYSDR60A                                 | AM1PA6060                         |
| 600                      | 700  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA6070                         |
| 600                      | 800  | NSYMM86              | NSYMS86      | -               | NSYMB86   | NSYMPP86   | NSYMR68                  | -                | -    | NSYMDVR6                | NSYSDR80A                                 | -                                 |
| 700                      | 500  | NSYMM75              | NSYMS75      | NSYMF75         | NSYMB75   | NSYMPP75   | NSYMR75                  | NSYMD75          | B    | NSYMDVR7                | NSYSDR50A                                 | -                                 |
| 700                      | 600  | -                    | -            | -               | -         | -          | NSYMR76                  | -                | -    | -                       | -   | -                                 |
| 705                      | 500  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA7050                         |
| 795                      | 600  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA8060                         |
| 800                      | 600  | NSYMM86              | NSYMS86      | NSYMF86*        | NSYMB86   | NSYMPP86   | -                        | NSYMD86          | A    | NSYMDVR8                | NSYSDR60A                                 | -                                 |
| 800                      | 800  | NSYMM88              | -            | NSYMF88         | -         | -          | -                        | -                | -    | NSYMDVR8                | NSYSDR80A                                 | -                                 |
| 800                      | 1000 | NSYMM108             | -            | -               | NSYMB108  | NSYMPP108  | NSYMR810                 | -                | -    | NSYMDVR8                | NSYSDR100A                                | -                                 |
| 900                      | 500  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA9050                         |
| 900                      | 600  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA9060                         |
| 900                      | 700  | -                    | -            | -               | -         | -          | -                        | -                | -    | -                       | -   | AM1PA9070                         |
| 1000                     | 600  | NSYMM106             | -            | NSYMF106        | NSYMB106  | -          | NSYMR106                 | -                | -    | NSYMDVR10               | NSYSDR60A                                 | -                                 |
| 1000                     | 800  | NSYMM108             | -            | NSYMF108*       | NSYMB108  | NSYMPP108  | NSYMR108                 | NSYMD108         | A    | NSYMDVR10               | NSYSDR80A                                 | -                                 |
| 1000                     | 1000 | NSYMM1010            | -            | NSYMF1010       | -         | -          | NSYMR1010                | -                | -    | NSYMDVR10               | NSYSDR100A                                | -                                 |
| 1000                     | 1200 | NSYMM1210            | -            | -               | NSYMB1210 | -          | NSYMR1012                | -                | -    | NSYMDVR10               | 2 x NSYSDR60A                             | -                                 |
| 1200                     | 600  | NSYMM126             | -            | NSYMF126        | -         | -          | NSYMR126                 | -                | -    | NSYMDVR12               | NSYSDR60A                                 | -                                 |
| 1200                     | 800  | NSYMM128             | -            | NSYMF128        | -         | -          | NSYMR128                 | NSYMD128         | A    | NSYMDVR12               | NSYSDR80A                                 | -                                 |
| 1200                     | 1000 | NSYMM1210            | -            | NSYMF1210*      | NSYMB1210 | -          | NSYMR1210                | -                | -    | NSYMDVR12               | NSYSDR100A                                | -                                 |
| 1200                     | 1200 | NSYMM1212            | -            | -               | -         | -          | -                        | -                | -    | NSYMDVR12               | 2 x NSYSDR60A                             | -                                 |
| 1400                     | 1000 | NSYMM1410            | -            | -               | -         | -          | NSYMR1410                | -                | -    | -                       | NSYSDR100A                                | -                                 |

\* Plate with reversible dimensions; it can be installed in enclosures with inverted dimensions. Example: Plate ref. **NSYMM64** can be used for the following enclosures: H 600 x W 400 mm or H 400 x W 600 mm. For plain and silkscreened mounting plates: In wall-mounting enclosures with widths of 1000 and 1200 mm, it is possible to install 2 mounting plates at different depths using an additional central step slide **NSYSDRSDCR**.

## 35 mm symmetrical DIN rails for Thalassa PLM



| Rail length (mm) | For wall mounting enclosure |  | References  |
|------------------|-----------------------------|--|-------------|
|                  | Width (mm)                  |  |             |
| 180              | 215                         |  | NSYCS200PLM |
| 280              | 330                         |  | NSYCS300PLM |
| 380              | 430 / 436                   |  | NSYCS400PLM |
| 480              | 536                         |  | NSYCS500PLM |
| 580              | 636                         |  | NSYCS600PLM |
| 795              | 852                         |  | NSYCS800PLM |

## Clip-on nuts for Telequick mounting plate



| Model | References |
|-------|------------|
| M3    | AF1EA3     |
| M4    | AF1EA4     |
| M5    | AF1EA5     |
| M6    | AF1EA6     |





# Thalassa PLA



| Spacial SF                  |                              |
|-----------------------------|------------------------------|
| Intermediate mounting plate | Mounting plate sliding rails |
| -                           | -                            |
| -                           | -                            |
| NSYSIMP12                   | NSYSMPS4                     |
| NSYSIMP12                   | NSYSMPS6                     |
| -                           | -                            |
| NSYSIMP12                   | NSYSMPS4                     |
| NSYSIMP12                   | NSYSMPS6                     |
| -                           | -                            |
| -                           | NSYSMPS4                     |
| NSYSIMP14                   | NSYSMPS4                     |
| -                           | -                            |
| NSYSIMP14                   | NSYSMPS4                     |
| -                           | NSYSMPS4                     |
| -                           | NSYSMPS4                     |
| -                           | -                            |
| -                           | NSYSMPS4                     |
| NSYSIMP16                   | NSYSMPS6                     |
| NSYSIMP16                   | NSYSMPS8                     |
| -                           | -                            |
| -                           | NSYSMPS4                     |
| NSYSIMP16                   | NSYSMPS6                     |
| NSYSIMP16                   | NSYSMPS8                     |
| -                           | -                            |
| -                           | NSYSMPS4                     |
| -                           | NSYSMPS4                     |
| -                           | NSYSMPS5                     |
| -                           | NSYSMPS6                     |
| -                           | -                            |
| NSYSIMP18                   | NSYSMPS4                     |
| NSYSIMP18                   | NSYSMPS5                     |
| NSYSIMP18                   | NSYSMPS6                     |
| NSYSIMP18                   | NSYSMPS8                     |
| -                           | -                            |
| NSYSIMP18                   | NSYSMPS4                     |
| NSYSIMP18                   | NSYSMPS5                     |
| NSYSIMP18                   | NSYSMPS6                     |
| NSYSIMP18                   | NSYSMPS6                     |
| NSYSIMP18                   | NSYSMPS4                     |
| NSYSIMP18                   | NSYSMPS5                     |
| NSYSIMP18                   | NSYSMPS6                     |
| NSYSIMP18                   | NSYSMPS8                     |
| -                           | -                            |
| NSYSIMP18                   | NSYSMPS5                     |
| -                           | NSYSMPS5                     |
| -                           | NSYSMPS6                     |
| -                           | NSYSMPS6                     |
| -                           | NSYSMPS8                     |
| -                           | NSYSMPS4                     |
| -                           | NSYSMPS5                     |
| -                           | NSYSMPS6                     |
| -                           | NSYSMPS8                     |
| -                           | -                            |
| NSYSIMP20                   | NSYSMPS4                     |
| NSYSIMP20                   | NSYSMPS5                     |
| NSYSIMP20                   | NSYSMPS6                     |
| NSYSIMP20                   | NSYSMPS8                     |
| -                           | -                            |
| NSYSIMP20                   | NSYSMPS4                     |
| NSYSIMP20                   | NSYSMPS5                     |
| NSYSIMP20                   | NSYSMPS6                     |
| NSYSIMP20                   | NSYSMPS6                     |
| NSYSIMP20                   | NSYSMPS8                     |
| NSYSIMP20                   | NSYSMPS4                     |
| NSYSIMP20                   | NSYSMPS4                     |
| NSYSIMP20                   | NSYSMPS5                     |
| NSYSIMP20                   | NSYSMPS5                     |
| NSYSIMP20                   | NSYSMPS6                     |
| NSYSIMP20                   | NSYSMPS6                     |
| NSYSIMP20                   | NSYSMPS8                     |
| NSYSIMP20                   | NSYSMPS4                     |
| NSYSIMP20                   | NSYSMPS5                     |
| NSYSIMP20                   | NSYSMPS6                     |
| -                           | NSYSMPS6                     |
| NSYSIMP22                   | NSYSMPS6                     |
| NSYSIMP22                   | NSYSMPS8                     |
| NSYSIMP22                   | NSYSMPS6                     |
| NSYSIMP22                   | NSYSMPS8                     |
| NSYSIMP22                   | NSYSMPS6                     |
| NSYSIMP22                   | NSYSMPS8                     |
| NSYSIMP22                   | NSYSMPS6                     |
| NSYSIMP22                   | NSYSMPS6                     |
| NSYSIMP22                   | NSYSMPS8                     |
| NSYSIMP22                   | NSYSMPS8                     |

| Enclosure dimensions (mm) |      |              | Metallic mounting plates |                       | Insulating mounting plates |                     |
|---------------------------|------|--------------|--------------------------|-----------------------|----------------------------|---------------------|
| H                         | W    | No. of doors |                          |                       | Polyester                  | Bakelite            |
|                           |      |              | Plain                    | Telequick             |                            |                     |
| 500                       | 500  | 1            | NSYPMM55                 | NSYPMR55              | NSYPMA55                   | NSYPMB55            |
| 500                       | 750  | 1            | NSYPMM75                 | NSYPMR57              | NSYPMA75                   | NSYPMB75            |
| 500                       | 1000 | 2            | NSYPMM510                | 2 x NSYPMR55          | NSYPMA510                  | NSYPMB510           |
| 500                       | 1250 | 2            | NSYPMM55 + NSYPMM75      | NSYPMR55 + NSYPMR57   | NSYPMA55 + NSYPMA75        | NSYPMB55 + NSYPMB75 |
| 750                       | 500  | 1            | NSYPMM75                 | NSYPMR75              | NSYPMA75                   | NSYPMB75            |
| 750                       | 750  | 1            | NSYPMM77                 | NSYPMR77              | NSYPMA77                   | NSYPMB77            |
| 750                       | 1000 | 2            | NSYPMM710                | 2 x NSYPMR75          | NSYPMA710                  | NSYPMB710           |
| 750                       | 1250 | 2            | NSYPMM712                | NSYPMR75 + NSYPMR77   | NSYPMA712                  | NSYPMB712           |
| 1000                      | 500  | 1            | NSYPMM105                | NSYPMR105             | NSYPMA105                  | NSYPMB105           |
| 1000                      | 750  | 1            | NSYPMM107                | NSYPMR107             | NSYPMA107                  | NSYPMB107           |
| 1000                      | 1000 | 2            | NSYPMM1010               | 2 x NSYPMR105         | NSYPMA1010                 | NSYPMB1010          |
| 1000                      | 1250 | 2            | NSYPMM1012               | NSYPMR105 + NSYPMR107 | NSYPMA1012                 | NSYPMB1012          |
| 1250                      | 500  | 1            | NSYPMM125                | NSYPMR125             | NSYPMA125                  | NSYPMB125           |
| 1250                      | 750  | 1            | NSYPMM127                | NSYPMR127             | NSYPMA127                  | NSYPMB127           |
| 1250                      | 1000 | 2            | NSYPMM1210               | 2 x NSYPMR125         | NSYPMA1210                 | NSYPMB1210          |
| 1250                      | 1250 | 2            | NSYPMM1212               | NSYPMR125 + NSYPMR127 | NSYPMA1212                 | NSYPMB1212          |
| 1500                      | 500  | 1            | NSYPMM155                | NSYPMR155             | -                          | NSYPMB155           |
| 1500                      | 750  | 1            | NSYPMM157                | NSYPMR157             | -                          | NSYPMB157           |
| 1500                      | 1000 | 2            | NSYPMM1510               | 2 x NSYPMR155         | -                          | NSYPMB1510          |
| 1500                      | 1250 | 2            | NSYPMM1512               | NSYPMR155 + NSYPMR157 | -                          | NSYPMB1512          |
| 2000                      | 750  | 2*           | NSYPMM207                | 2 x NSYPMR107         | 2 x NSYPMA107              | 2 x NSYPMB107       |

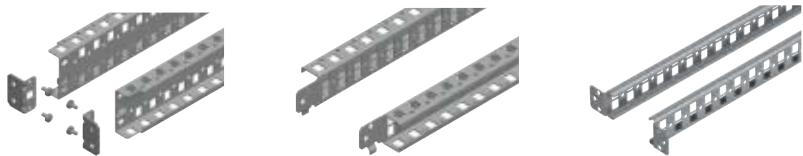
\* Two doors in vertical.

## Step slides for Thalassa PLA



| For enclosure |              | References   |                                  |
|---------------|--------------|--------------|----------------------------------|
| Depth (mm)    | No. of doors | Step slides  | Adapter plates for PLAZ or PLAZT |
| 320           | 1            | NSYDPLA3     | NSYPTZ3                          |
| 420           | 1            | NSYDPLA4     | NSYPTZ4                          |
| 620           | 1            | NSYDPLA6     | NSYPTZ6                          |
| 320           | 2            | 2 x NSYDPLA3 | NSYPTZ32P                        |
| 420           | 2            | 2 x NSYDPLA4 | NSYPTZ42P                        |
| 620           | 2            | 2 x NSYDPLA6 | NSYPTZ62P                        |

## Cross rails



| Dimensions<br>H/W/D (mm) | Universal cross rails references |                |                | Quick-fixing cross rails references |                |                | Integrated cross-rails |                |                |
|--------------------------|----------------------------------|----------------|----------------|-------------------------------------|----------------|----------------|------------------------|----------------|----------------|
|                          | 40 mm (1 row)                    | 65 mm (2 rows) | 90 mm (3 rows) | 40 mm (1 row)                       | 65 mm (2 rows) | 90 mm (3 rows) | 40 mm (1 row)          | 65 mm (2 rows) | 90 mm (3 rows) |
| 300                      | NSYSUCR4030                      | NSYSUCR6530    | NSYSUCR9030    | NSYSQCR4040                         | NSYSQCR6540    | NSYSQCR9040    | NSYSICR4030            | NSYSICR6530    | NSYSICR9030    |
| 400                      | NSYSUCR4040                      | NSYSUCR6540    | NSYSUCR9040    | NSYSQCR4050                         | NSYSQCR6550    | NSYSQCR9050    | NSYSICR4040            | NSYSICR6540    | NSYSICR9040    |
| 500                      | NSYSUCR4050                      | NSYSUCR6550    | NSYSUCR9050    | NSYSQCR4060                         | NSYSQCR6560    | NSYSQCR9060    | NSYSICR4050            | NSYSICR6550    | NSYSICR9050    |
| 600                      | NSYSUCR4060                      | NSYSUCR6560    | NSYSUCR9060    | NSYSQCR4080                         | NSYSQCR6580    | NSYSQCR9080    | NSYSICR4060            | NSYSICR6560    | NSYSICR9060    |
| 800                      | NSYSUCR4080                      | NSYSUCR6580    | NSYSUCR9080    | NSYSQCR40100                        | NSYSQCR65100   | NSYSQCR90100   | NSYSICR4080            | NSYSICR6580    | NSYSICR9080    |
| 1000                     | NSYSUCR40100                     | NSYSUCR65100   | NSYSUCR90100   | NSYSQCR40120                        | NSYSQCR65120   | NSYSQCR90120   | NSYSICR40100           | NSYSICR65100   | NSYSICR90100   |
| 1200                     | NSYSUCR40120                     | NSYSUCR65120   | NSYSUCR90120   | -                                   | -              | -              | NSYSICR40120           | NSYSICR65120   | NSYSICR90120   |
| 1400                     | NSYSUCR40140                     | NSYSUCR65140   | NSYSUCR90140   | -                                   | -              | -              | -                      | -              | -              |
| 1600                     | NSYSUCR40160                     | NSYSUCR65160   | NSYSUCR90160   | -                                   | -              | -              | -                      | -              | -              |
| 1800                     | NSYSUCR40180                     | NSYSUCR65180   | NSYSUCR90180   | -                                   | -              | -              | -                      | -              | -              |
| 2000                     | NSYSUCR40200                     | NSYSUCR65200   | NSYSUCR90200   | -                                   | -              | -              | -                      | -              | -              |
| 2200                     | NSYSUCR40220                     | NSYSUCR65220   | NSYSUCR90220   | -                                   | -              | -              | -                      | -              | -              |

## Brackets for fixing intermediate mounting plates in back-to-back position for Spacial SF



| Reference |
|-----------|
| NSYSIBTB  |

## Mounting plate fixing brackets for Spacial SF, SM, SFX, SMX

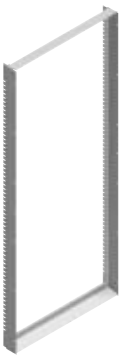


| For enclosure                        | References |
|--------------------------------------|------------|
| Spacial SF                           | NSYSFPP    |
| Spacial SM, Spacial SFX, Spacial SMX | NSYSMPB    |

# Modular Distribution accessories

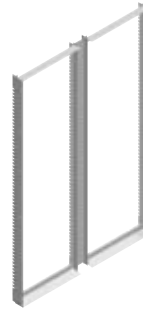
## Chassis for Spacial SF, SM

### Single-chassis coupling set - RAL 7035



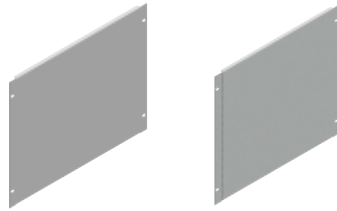
| Nominal dimensions (mm) |     | Maximum no. of 18-mm modules | References |
|-------------------------|-----|------------------------------|------------|
| H                       | W   |                              |            |
| 1200                    | 600 | 144                          | NSYCSH126  |
|                         | 800 | 216                          | NSYCSH128  |
| 1400                    | 600 | 192                          | NSYCSH146  |
|                         | 800 | 288                          | NSYCSH148  |
| 1600                    | 600 | 216                          | NSYCSH166  |
|                         | 800 | 324                          | NSYCSH168  |
| 1800                    | 600 | 240                          | NSYCSH186  |
|                         | 800 | 360                          | NSYCSH188  |
| 2000                    | 600 | 288                          | NSYCSH206  |
|                         | 800 | 432                          | NSYCSH208  |

### Double-chassis coupling set - RAL 7035



| Spatial dimensions (mm) |      | Set made up of columns with a width (mm) | Maximum no. of 18-mm modules | References  |
|-------------------------|------|--|------------------------------|-------------|
| H                       | W    |  |                              |             |
| 1400                    | 1200 | 600 + 600                                | 384                          | NSYDCSH1412 |
| 1600                    | 1200 | 600 + 600                                | 432                          | NSYDCSH1612 |
| 1800                    | 1200 | 600 + 600                                | 480                          | NSYDCSH1812 |
|                         | 1600 | 800 + 800                                | 720                          | NSYDCSH1816 |
| 2000                    | 1200 | 600 + 600                                | 576                          | NSYDCSH2012 |
|                         | 1600 | 800 + 800                                | 864                          | NSYDCSH2016 |

### Plain cover plates - RAL 7035



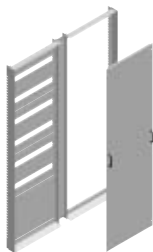
| Nominal dimensions (mm) |     | Screwed-on plain cover plate references | Hinged plain cover plate references |
|-------------------------|-----|---|-------------------------------------|
| H                       | W   |   |                                     |
| 150                     | 600 | NSYMPCH156                              | NSYMPCH156                          |
|                         | 800 | NSYMPCH158                              | NSYMPCH158                          |
| 200                     | 600 | NSYMPCH206                              | NSYMPCH206                          |
|                         | 800 | NSYMPCH208                              | NSYMPCH208                          |
| 300                     | 600 | NSYMPCH306                              | NSYMPCH306                          |
|                         | 800 | NSYMPCH308                              | NSYMPCH308                          |
| 400                     | 600 | NSYMPCH406                              | NSYMPCH406                          |
|                         | 800 | NSYMPCH408                              | NSYMPCH408                          |
| 450                     | 600 | NSYMPCH456                              | NSYMPCH456                          |
|                         | 800 | NSYMPCH458                              | NSYMPCH458                          |
| 600                     | 600 | NSYMPCH606                              | NSYMPCH606                          |
|                         | 800 | NSYMPCH608                              | NSYMPCH608                          |

### Cut-out cover plates - RAL 7035



| Nominal dimensions (mm) |     | Dimensions |       |     | No. of cut-outs | Maximum no. of 18-mm modules | Screwed-on cut-out cover plate references | Hinged cut-out cover plate references |
|-------------------------|-----|------------|-------|-----|-----------------|------------------------------|---|---------------------------------------|
| H                       | W   | D          | E     | F   |                 |                              |   |                                       |
| 150                     | 600 | 432        | -     | -   | 1               | 24                           | NSYMUCH156                                | NSYMUCH156                            |
|                         | 800 | 642        | -     | -   | 1               | 36                           | NSYMUCH158                                | NSYMUCH158                            |
| 200                     | 600 | 432        | -     | -   | 1               | 24                           | NSYMUCH206                                | NSYMUCH206                            |
|                         | 800 | 642        | -     | -   | 1               | 36                           | NSYMUCH208                                | NSYMUCH208                            |
| 300                     | 600 | 432        | 51.75 | 150 | 2               | 48                           | NSYMUCH306                                | NSYMUCH306                            |
|                         | 800 | 642        | 51.75 | 150 | 2               | 72                           | NSYMUCH308                                | NSYMUCH308                            |
| 400                     | 600 | 432        | 76.75 | 200 | 2               | 48                           | NSYMUCH406                                | NSYMUCH406                            |
|                         | 800 | 642        | 76.75 | 200 | 2               | 72                           | NSYMUCH408                                | NSYMUCH408                            |
| 450                     | 600 | 432        | 51.75 | 150 | 3               | 72                           | NSYMUCH456                                | NSYMUCH456                            |
|                         | 800 | 642        | 51.75 | 150 | 3               | 108                          | NSYMUCH458                                | NSYMUCH458                            |
| 600                     | 600 | 432        | 76.75 | 200 | 3               | 72                           | NSYMUCH606                                | NSYMUCH606                            |
|                         | 800 | 642        | 76.75 | 200 | 3               | 108                          | NSYMUCH608                                | NSYMUCH608                            |

### Chassis-coupling set with zone for busbars - RAL 7035



| Nominal dimensions (mm) |      | Set made up of columns with a width (mm) | Maximum no. of 18-mm modules | References  |
|-------------------------|------|--|------------------------------|-------------|
| H                       | W    |  |                              |             |
| 1400                    | 1000 | 600 + 400                                | 192                          | NSYCSHB1410 |
|                         | 1200 | 800 + 400                                | 288                          | NSYCSHB1412 |
| 1600                    | 1000 | 600 + 400                                | 216                          | NSYCSHB1610 |
|                         | 1200 | 800 + 400                                | 324                          | NSYCSHB1612 |
| 1800                    | 1000 | 600 + 400                                | 240                          | NSYCSHB1810 |
|                         | 1200 | 800 + 400                                | 360                          | NSYCSHB1812 |
| 2000                    | 1000 | 600 + 400                                | 288                          | NSYCSHB2010 |
|                         | 1200 | 800 + 400                                | 432                          | NSYCSHB2012 |

### Fixed supports with no rail



| Reference |
|-----------|
| NSYMFS1   |

### Adjustment cover plates - RAL 7035

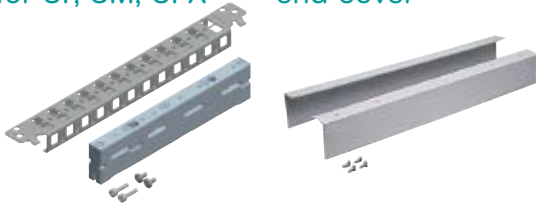


| Cover plate dimensions (mm) |     | Nominal dimensions (mm) | References |
|-----------------------------|-----|-------------------------|------------|
| H                           | W   |                         |            |
| 50                          | 600 | 600                     | NSYADC16   |
|                             | 800 | 800                     | NSYADC18   |

## Busbars

630 A bar support for SF, SM, SFX

630 A busbar end cover

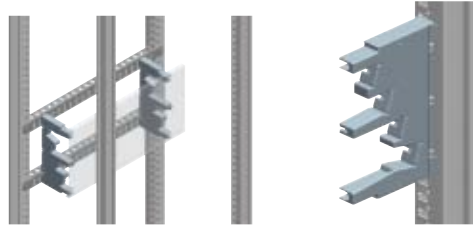


| Nominal dimensions (mm) | References      |
|-------------------------|-----------------|
| Width/Depth             |                 |
| 400                     | <b>NSYBS400</b> |
| 500                     | <b>NSYBS500</b> |
| 600                     | <b>NSYBS600</b> |
| 800                     | <b>NSYBS800</b> |

| Reference        |
|------------------|
| <b>NSYBSC630</b> |

Screen for 630 A multi-stage busbar

630 A multi-stage bar support



| Reference    |
|--------------|
| <b>04197</b> |

| Reference    |
|--------------|
| <b>04192</b> |

## Chassis for Thalassa PLM, Spacial CRN & S3X

Dinimel DLA modular chassis



| Dimensions (mm) |       | Number of modules* | Modular chassis reference |
|-----------------|-------|--------------------|---------------------------|
| Height          | Width |                    |                           |
| 400             | 300   | 24                 | <b>NSYDLA24G</b>          |
| 500             | 400   | 48                 | <b>NSYDLA48G</b>          |
| 600             | 400   | 48                 | <b>NSYDLA48PG</b>         |
| 700             | 500   | 66                 | <b>NSYDLA66G</b>          |
| 700             | 500   | 88                 | <b>NSYDLA88G</b>          |
| 800             | 600   | 84                 | <b>NSYDLA84G</b>          |
| 800             | 600   | 112                | <b>NSYDLA112G</b>         |
| 1000            | 800   | 234                | <b>NSYDLA234G</b>         |

\* 1 module = 2 steps = 18 mm

## Chassis for Spacial CRN, SDX, S3DM Modular chassis



| Dimensions (mm) |       | Number of modules* | Modular chassis reference | Plain front plate reference | Plain chassis reference |
|-----------------|-------|--------------------|---------------------------|-----------------------------|-------------------------|
| Height          | Width |                    |                           |                             |                         |
| 400             | 300   | 24                 | <b>NSYDLM24</b>           | <b>NSYCTL300DLM</b>         | <b>NSYPMP300DLM</b>     |
| 500             | 400   | 48                 | <b>NSYDLM48</b>           | <b>NSYCTL400DLM</b>         | <b>NSYPMP400DLM</b>     |
| 600             | 400   | 48                 | <b>NSYDLM48P</b>          | <b>NSYCTL400DLM</b>         | <b>NSYPMP400DLM</b>     |
| 600             | 600   | 84                 | <b>NSYDLM84P</b>          | <b>NSYCTL600DLM</b>         | <b>NSYPMP600DLM</b>     |
| 700             | 500   | 66                 | <b>NSYDLM66</b>           | <b>NSYCTL500DLM</b>         | <b>NSYPMP500DLM</b>     |
| 700             | 500   | 88                 | <b>NSYDLM88</b>           | <b>NSYCTL500DLM</b>         | <b>NSYPMP500DLM</b>     |
| 800             | 600   | 84                 | <b>NSYDLM84</b>           | <b>NSYCTL600DLM</b>         | <b>NSYPMP600DLM</b>     |
| 800             | 600   | 112                | <b>NSYDLM112</b>          | <b>NSYCTL600DLM</b>         | <b>NSYPMP600DLM</b>     |
| 1000            | 600   | 168                | <b>NSYDLM168</b>          | <b>NSYCTL600DLM</b>         | <b>NSYPMP600DLM</b>     |
| 1000            | 800   | 234                | <b>NSYDLM240</b>          | <b>NSYCTL800DLM</b>         | <b>NSYPMP800DLM</b>     |

\* 1 module = 2 steps = 18 mm

## Chassis for Thalassa PLA

Modular distribution chassis



| Dimensions (mm) |       | Number of modules* | Modular chassis reference |
|-----------------|-------|--------------------|---------------------------|
| Height          | Width |                    |                           |
| 750             | 500   | 57                 | <b>NSYDLP57G</b>          |
| 750             | 500   | 76                 | <b>NSYDLP76G</b>          |
| 750             | 750   | 99                 | <b>NSYDLP99G</b>          |
| 750             | 750   | 132                | <b>NSYDLP132G</b>         |
| 1000            | 500   | 95                 | <b>NSYDLP95G</b>          |
| 1000            | 500   | 114                | <b>NSYDLP114G</b>         |
| 1000            | 750   | 165                | <b>NSYDLP165G</b>         |
| 1000            | 750   | 198                | <b>NSYDLP198G</b>         |
| 1250            | 500   | 114                | <b>NSYDLP114PG</b>        |
| 1250            | 500   | 133                | <b>NSYDLP133G</b>         |
| 1250            | 750   | 198                | <b>NSYDLP198PG</b>        |
| 1250            | 750   | 231                | <b>NSYDLP231G</b>         |
| 1500            | 500   | 152                | <b>NSYDLP152G</b>         |
| 1500            | 500   | 171                | <b>NSYDLP171G</b>         |
| 1500            | 750   | 264                | <b>NSYDLP264G</b>         |
| 1500            | 750   | 297                | <b>NSYDLP297G</b>         |

\* 1 module = 2 steps = 18 mm

# Cable management

## Cable entries



| Mixed membrane entries for IP55 direct cable entries |                 |             |                        |
|--|-----------------|-------------|------------------------|
| Ø (mm)   |                 | Minor Pack. | References and colours |
| Drill hole   | Cable / conduit |             |                        |
| 23   | 4 - 20          | 10          | ISM71071               |
| 29   | 4 - 25          | 10          | ISM71072               |
| 36   | 4 - 32          | 10          | ISM71073               |
| 44   | 4 - 40          | 10          | ISM71074               |



| Quick cable entries - IP67 |            |         |             |            |
|----------------------------|------------|---------|-------------|------------|
| ISO                        | Ø (mm)     |         | Minor pack. | References |
|                            | Drill hole | Cable   |             |            |
| M12                        | 12.5       | 3 - 5   | 50          | IMT36179   |
| M16                        | 16         | 5 - 7   | 50          | IMT36180   |
| M20                        | 20.3       | 7 - 10  | 50          | IMT36181   |
| M25                        | 25.3       | 10 - 14 | 50          | IMT36182   |
| M32                        | 32.4       | 14 - 20 | 50          | IMT36183   |
| M40                        | 40.7       | 20 - 26 | 25          | IMT36184   |
| M50                        | 50.7       | 26 - 35 | 25          | IMT36185   |



| Cable-gland, disc and plug selection table |                     |  |                    |                  |                        |                  |                 |                    |               |                |
|--|---------------------|--|--------------------|------------------|------------------------|------------------|-----------------|--------------------|---------------|----------------|
| Ø  | Cable gland snap in |  | Cable gland - IP68 |                  |                        | Multi-cable disc |                 | Cable-gland gasket | Blanking plug | Transport plug |
|  | Ref.                | Snap in cable gland disassembling tool | Ref.               | Ø min / max (mm) | drill Ø <sup>(2)</sup> | Ref.             | Number / Ø (mm) |                    |               |                |
| M12  | -                   | -                                      | ISM71501           | 3 / 6.5          | 12.2 (0 + 0.2)         | -                | -               | IMT36151           | IMT36161      | -              |
| M16  | NSYCGSP16           | NSYDT16                                | ISM71502           | 4 / 8            | 16.2 (0 + 0.2)         | IMT36157         | 2 x Ø 4         | IMT36152           | IMT36162      | IMT36167       |
| M20  | NSYCGSP20           | NSYDT20                                | ISM71503           | 6 / 12           | 20.2 (0 + 0.2)         | IMT36158         | 3 x Ø 4         | IMT36153           | IMT36163      | IMT36168       |
| M20 (1)                                    | -                   | -                                      | ISM36150           | 6 / 12           | 20.2 (0 + 0.2)         | IMT36158         | 3 x Ø 4         | IMT36153           | IMT36163      | IMT36168       |
| M25  | NSYCGSP25           | NSYDT25                                | ISM71504           | 11 - 17          | 25.2 (0 + 0.2)         | IMT36159         | 4 x Ø 5         | IMT36154           | IMT36164      | IMT36169       |
| M32  | NSYCGSP32           | NSYDT32                                | ISM71505           | 15 / 21          | 32.2 (0 + 0.3)         | IMT36160         | 6 x Ø 5         | IMT36155           | IMT36165      | IMT36170       |
| M40  | NSYCGSP40           | NSYDT40                                | ISM71506           | 19 / 18          | 45.5 (0 + 0.3)         | -                | -               | IMT36156           | IMT36166      | IMT36171       |

(1) Cable-gland with high resistance for fire.  
 (2) In brackets: tolerance.



| Circular connector-free entries - IP65 |                       |                                    |       |         |       |      |           |            |               |
|--|-----------------------|------------------------------------|-------|---------|-------|------|-----------|------------|---------------|
| No. of openings                        | Dimensions/ cut-out Ø | Diameter of the cable entry (Ø mm) |       |         |       |      | Packaging | References |               |
|  |                       | 3-5.5                              | 3-6.5 | 3.6-6.5 | 5-9.2 | 6-10 |           |            | 9.6-15.9      |
| 4                                      | 50.5                  |                                    |       |         |       | 3    | 1         | 10         | NSYTSAM504SE  |
| 8                                      | 50.5                  |                                    |       | 7       |       | 1    |           | 10         | NSYTSAM508SE  |
| 8                                      | 63.5                  |                                    | 2     |         | 4     |      | 2         | 10         | NSYTSAM638SE  |
| 13                                     | 63.5                  | 6                                  |       | 6       |       | 1    |           | 10         | NSYTSAM6313SE |



| Rectangular connector-free entries - IP65 |                       |                                    |       |       |        |          |           |               |
|---|-----------------------|------------------------------------|-------|-------|--------|----------|-----------|---------------|
| No. of openings                           | Plate dimensions (mm) | Diameter of the cable entry (Ø mm) |       |       |        |          | Packaging | References    |
|   |                       | 4.3-8.1                            | 3-6.5 | 5-9.2 | 8-12.5 | 9.6-15.9 |           |               |
| 14  | 112 x 36              |                                    | 6     | 4     |        | 4        | 1         | NSY TSA2414SE |
| 17  | 112 x 36              |                                    |       | 17    |        |          | 1         | NSY TSA2417SE |
| 22  | 112 x 36              |                                    | 16    | 4     | 2      |          | 1         | NSY TSA2422SE |
| 23  | 112 x 36              | 23                                 |       |       |        |          | 1         | NSY TSA2423SE |
| 29  | 112 x 36              |                                    | 29    |       |        |          | 1         | NSY TSA2429SE |



| FlexiCable cable-gland plate <sup>(1)</sup> - IP55 |                          |  |           |
|--|--------------------------|--|-----------|
| Cable entrance type                                | Dimensions of plate (mm) | Effective cable entrance dimensions (mm) | Reference |
| C  | 245 x 130                | 178 x 63                                 | NSY TLCME |
| D  | 345 x 130                | 278 x 63                                 | NSY TLDME |
| E  | 445 x 130                | 378 x 63                                 | NSY TLEME |
| F  | 545 x 130                | 478 x 63                                 | NSY TLFME |
| G  | 495 x 220                | 428 x 153                                | NSY TLGME |

(1) Replaces cable gland plate (S3D) or directly on enclosure.



| Cable entry with dies for cables equipped with connectors - IP54 |                         |            |
|--|-------------------------|------------|
| Connector cut-out type   | Number of cable entries | References |
| 16   | 8                       | NSYDCE168  |
| 24   | 0                       | NSYDCE240  |
| 24   | 4                       | NSYDCE244* |
| 24   | 10                      | NSYDCE2410 |

\* NSYDCE244 accepts 4 entries: 2 large seals and 2 small seals.



| FL21 insulated flange with ISO knockouts - IP65 |         |         |        |           |
|---|---------|---------|--------|-----------|
| Size  | L1 (mm) | L2 (mm) | H (mm) | Reference |
| FL21  | 215     | 85      | 10     | NSYTSKFL  |



| FL13 & FL21 pre-configured flanges - IP65 |                        |                                 |                                 |                                 |  |              |
|---|------------------------|---------------------------------|---------------------------------|---------------------------------|--|--------------|
| FL  | 4-10 mm <sup>(1)</sup> | M16<br>(5-10 mm) <sup>(2)</sup> | M20<br>(6-13 mm) <sup>(2)</sup> | M25<br>(8-17 mm) <sup>(2)</sup> | M32<br>or M40<br>or M50 <sup>(2)</sup> | References   |
| 13  | 10                     |                                 | 1                               |                                 |  | NSYAECPKFL11 |
| 21  |                        | 2                               | 2                               | 2                               | 1                                      | NSYAECPKFL7A |
| 21  |                        |                                 | 6                               |                                 | 1                                      | NSYAECPKFL7B |
| 21  |                        | 4                               | 2                               | 4                               |  | NSYAECPKFL10 |

(1) "Pop-out" membranes only.

(3) Knock out system.

(2) "Pop-out" membranes or cable gland installation.



| FL21-type membranes - IP65 |                                    |      |      |      |       |       |       |       |       |       |            |             |
|----------------------------|------------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|------------|-------------|
| No. of cable entries       | Diameter of the cable entry (Ø mm) |      |      |      |       |       |       |       |       |       | References |             |
|                            | 5-7                                | 6-10 | 8-12 | 8-16 | 10-14 | 12-18 | 14-20 | 17-32 | 20-26 | 24-54 |            | 30-60       |
| 0                          |                                    |      |      |      |       |       |       |       |       |       |            | NSYAECPLBP* |
| 7                          |                                    |      |      | 4    |       |       |       |       |       | 2     | 1          | NSYAECPLT7  |
| 25                         | 4                                  |      | 4    |      | 12    |       | 4     |       | 1     |       |            | NSYAECPLT25 |
| 35                         |                                    | 2    | 14   |      | 16    | 2     |       | 1     |       |       |            | NSYAECPLT35 |

\* Metallic plate.



FL 13



FL 21

| FL13 & FL21 type membranes - IP65 |                 |     |    |                      |                                    |    |    |    |    |    |            |             |
|-----------------------------------|-----------------|-----|----|----------------------|------------------------------------|----|----|----|----|----|------------|-------------|
| Type                              | Dimensions (mm) |     |    | No. of cable entries | Diameter of the cable entry (Ø mm) |    |    |    |    |    | References |             |
|                                   |                 |     |    |                      |                                    |    |    |    |    |    |            |             |
|                                   | H               | W   | D  |                      | 13                                 | 14 | 15 | 16 | 18 | 21 |            | 30          |
| FL 13                             | 20              | 135 | 47 | 7                    |                                    |    |    | 4  |    |    | 3          | NSYAECPLA7  |
| FL 13                             | 20              | 135 | 47 | 10                   | 6                                  |    |    |    | 4  |    |            | NSYAECPLA10 |
| FL 21                             | 25              | 215 | 86 | 25                   |                                    |    | 16 |    |    | 6  | 3          | NSYAECPLA25 |
| FL 21                             | 25              | 215 | 86 | 33                   |                                    |    | 24 |    |    | 9  |            | NSYAECPLA33 |

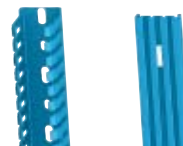


| Split seals for NSYDCE cable entries - IP54 |            |
|---|------------|
| For cables Ø (mm)*                          | References |
| 0   | NSYCEJD    |
| 3-4   | NSYCEJD3   |
| 5-6   | NSYCEJD5   |
| 7-8   | NSYCEJD7   |
| 9-10  | NSYCEJD9   |
| 11-12                                       | NSYCEJD11  |
| 13-14                                       | NSYCEJD13  |
| 16-17                                       | NSYCEJD16* |
| 18-19                                       | NSYCEJD18* |
| 20-21                                       | NSYCEJD20* |
| 22-23                                       | NSYCEJD22* |
| 24-25                                       | NSYCEJD24* |
| 26-27                                       | NSYCEJD26* |
| 28-29                                       | NSYCEJD28* |
| 30-31                                       | NSYCEJD30* |

\* Large seal, 24/4 die only.



| Grey cable-duct PVC - RAL 7030 - Length 2 m |    |                |                      |                  |
|---|----|----------------|----------------------|------------------|
| Dimensions (mm)                             |    | Supply (units) | Duct body References | Cover References |
| W   | H  |                |                      |                  |
| 25  | 25 | 8              | AK2GD2525            | AK2CD25          |
| 25  | 50 | 8              | AK2GD2550            | AK2CD25          |
| 37.5  | 50 | 8              | AK2GD3750            | AK2CD37          |
| 37.5  | 75 | 8              | AK2GD3775            | AK2CD37          |
| 50  | 50 | 8              | AK2GD5050            | AK2CD50          |
| 50  | 75 | 8              | AK2GD5075            | AK2CD50          |
| 75  | 50 | 8              | AK2GD7550            | AK2CD75          |
| 75  | 75 | 8              | AK2GD7575            | AK2CD75          |
| 100   | 75 | 8              | AK2GD10075           | AK2CD100         |
| 125   | 75 | 8              | AK2GD12575           | AK2CD125         |



| Blue cable-duct PVC - RAL 5000 - Length 2 m |     |                |                      |                  |
|---|-----|----------------|----------------------|------------------|
| Dimensions (mm)                             |     | Supply (units) | Duct body References | Cover References |
| W   | H   |                |                      |                  |
| 30  | 35  | 8              | AK2GA33              | AK2CA3           |
| 30  | 55  | 8              | AK2GA35              | AK2CA3           |
| 30  | 90  | 8              | AK2GA39              | AK2CA3           |
| 30  | 144 | 8              | AK2GA315             | AK2CA3           |
| 60  | 55  | 8              | AK2GA65              | AK2CA6           |
| 60  | 90  | 8              | AK2GA69              | AK2CA6           |
| 60  | 144 | 8              | AK2GA615             | AK2CA6           |

# Transversal accessories

## Lighting and power sockets



Multi-fixing LED lamps

| Description                                | Power | Luminous flux | Voltage  | Socket  | References  | Cables   |              |                         |
|--|-------|---------------|----------|---------|-------------|----------|--------------|-------------------------|
|  |       |               |          |         |             | Standard | Power (3 m)  | Interconnection (1.5 m) |
| With socket                                | 10 W  | 640 lm        | 230 V AC | Schuko  | NSYLAMLDS   | IEC      | NSYLAM3M     | NSYLAM1M                |
| With socket                                | 10 W  | 640 lm        | 230 V AC | UTE     | NSYLAMLDF   | IEC      | NSYLAM3M     | NSYLAM1M                |
| With socket                                | 10 W  | 640 lm        | 230 V AC | British | NSYLAMLDB   | IEC      | NSYLAM3M     | NSYLAM1M                |
| With socket                                | 10 W  | 640 lm        | 230 V AC | USA     | NSYLAMLDU   | UL       | NSYLAM3MUL   | NSYLAM1MUL              |
| Without socket                             | 10 W  | 640 lm        | 230 V AC | -       | NSYLAMLD    | IEC      | NSYLAM3M     | NSYLAM1M                |
|  |       |               |          |         |             | UL       | NSYLAM3MUL   | NSYLAM1MUL              |
| Without socket and with presence detection | 10 W  | 640 lm        | 230 V AC | -       | NSYLAMLDD   | IEC      | NSYLAM3M     | NSYLAM1M                |
|  |       |               |          |         |             | UL       | NSYLAM3MUL   | NSYLAM1MUL              |
| Without socket                             | 10 W  | 640 lm        | 48 V DC  | -       | NSYLAMLDVDC | IEC      | NSYLAM3MDC   | NSYLAM1MDC              |
|  |       |               |          |         |             | UL       | NSYLAM3MDCUL | NSYLAM1MDCUL            |



Cost-effective LED lamps

| Power | Voltage      | Frequency | Luminous flux | Dimensions      |                     | References     |
|-------|--------------|-----------|---------------|-----------------|---------------------|----------------|
|       |              |           |               | (mm)            | (in)                |                |
| 5 W   | 120-230 V AC | 50-60 Hz  | 500 lm        | 311 x 30.5 x 22 | 12.20 x 1.20 x 0.88 | NSYLAMT5LD1    |
| 10 W  | 120-230 V AC | 50-60 Hz  | 1100 lm       | 560 x 30.5 x 22 | 22.05 x 1.20 x 0.88 | NSYLAMT5LD1    |
| 5 W   | 24-48V DC    | -         | 470 lm        | 310 x 30.5 x 22 | 12.20 x 1.20 x 0.87 | NSYLAMT5LD1VDC |



Portable LED lamp

| Description | Power | Luminous flux | Voltage  | Reference    |
|-------------|-------|---------------|----------|--------------|
| With switch | 10 W  | 1100 lm       | 230 V AC | NSYLAMPORLTD |

## Door accessories

### Spacial Floor-standing



| Metal document pocket     |            |
|---------------------------|------------|
| Enclosure dimensions (mm) | References |
| W                         |            |
| 600                       | NSYSDP6M   |
| 800                       | NSYSDP8M   |



| Folding support tray    |            |
|-------------------------|------------|
| Spacial dimensions (mm) | References |
| W                       |            |
| 500                     | NSYSDT5    |
| 600                     | NSYSDT6    |
| 800                     | NSYSDT8    |



| Door cross rails        |            |
|-------------------------|------------|
| Nominal dimensions (mm) | References |
| W                       |            |
| 400                     | NSYSDCR4   |
| 500                     | NSYSDCR5   |
| 600                     | NSYSDCR6   |
| 800                     | NSYSDCR8   |
| 1000                    | NSYSDCR10  |



| Door retainer   |                |              |            |
|-----------------|----------------|--------------|------------|
| Door stop model | For enclosures | Limit        | References |
| Mechanical      | Spacial SF     | 90° and 140° | NSYSFMDR   |
|                 | Spacial SM     | 90°          | NSYSMDR    |
| Pneumatic       | Spacial SF     | 120°         | NSYSFNDR   |
|                 | Spacial SM     | 90° and 140° | NSYSMNDR*  |

\* Compatible with SF.



| Door switch for floor-standing enclosures |            |
|---|------------|
| For ranges                                | References |
| SF - SFX                                  | NSYDCM20   |
| SM  | NSYMDCM20  |
| PLA                                       | NSYSNLPLA  |

### Spacial Wall-mounting



| Steel door retainer   |             |
|---|-------------|
| Description   | Reference   |
| Steel door retainer for Spacial wall-mounting steel enclosure | NSYAEDRSCST |



| Polyamide door retainer                                 |               |
|---|---------------|
| Description   | Reference     |
| Door retainer for Spacial wall-mounting steel enclosure | NSYAEDRS3DPA6 |



| Door switch for wall-mounting enclosures |           |
|--|-----------|
| For ranges                               | Reference |
| S3D, S3X                                 | NSYINLCRN |



| Plastic document pocket |                         |
|-------------------------|-------------------------|
| Document format         | References              |
| A5                      | NSYDPA5                 |
| A4                      | NSYDPA4                 |
| A4                      | NSYDPA44 <sup>(1)</sup> |
| A3                      | NSYDPA3                 |

(1) Not compatible with 19" chassis or modular enclosure.

## Earthing accessories



| Earth braids |            |                            |                 |                    |
|--------------|------------|----------------------------|-----------------|--------------------|
| Length (mm)  | Width (mm) | Section (mm <sup>2</sup> ) | Terminal Ø (mm) | References         |
| 150          | 12         | 6                          | 6.5             | <b>NSYEB156D6</b>  |
| 150          | 17         | 10                         | 6.5             | <b>NSYEB1510D6</b> |
| 155          | 17         | 16                         | 8.5             | <b>NSYEB1516D8</b> |
| 200          | 27         | 25                         | 8.5             | <b>NSYEB2025D8</b> |
| 200          | 33         | 50                         | 8.5             | <b>NSYEB2050D8</b> |

| Earth cables |                            |                 |                    |
|--------------|----------------------------|-----------------|--------------------|
| Length (mm)  | Section (mm <sup>2</sup> ) | Terminal Ø (mm) | References         |
| 130          | 6                          | 6.4             | <b>NSYEL136D6</b>  |
| 160          | 6                          | 6.4             | <b>NSYEL166D6</b>  |
| 160          | 6                          | 8.3             | <b>NSYEL166D8</b>  |
| 170          | 10                         | 8.3             | <b>NSYEL1710D6</b> |
| 220          | 6                          | 6.4             | <b>NSYEL226D6</b>  |
| 220          | 25                         | 8.3             | <b>NSYEL2225D8</b> |
| 250          | 10                         | 6.4             | <b>NSYEL2510D6</b> |
| 350          | 25                         | 8.3             | <b>NSYEL3525D8</b> |

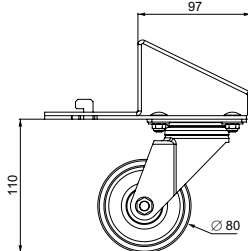
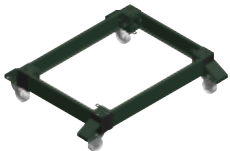


Earthing strip  
Reference  
**NSYECB1M153**

Central earthing point  
Reference  
**NSYCEP**

Fixing lugs for the earthing strip  
Reference  
**NSYEDCOS**

## Floor accessories



Transport casters  
Reference  
**NSYSTW\***

\* Only for Spacial SM, SF and SD.



Fixed feet

Adjustable feet

| Levelling feet (fixed and adjustable) |                |
|---------------------------------------|----------------|
| Model                                 | References     |
| Fixed feet                            | <b>NSYSPSJ</b> |
| Adjustable feet                       | <b>NSYSPRJ</b> |



Enclosure casters  
Reference  
**NSYSW**



| Hygienic 316L stainless-steel feet |                  |
|------------------------------------|------------------|
| Model with height (mm)             | References       |
| 200                                | <b>NSYPHX200</b> |



# Enclosures spare parts

Schneider Electric selected a wide variety of spare parts for your enclosure. No matter if the enclosure is recently built or has several years, you can have the replacement parts you need.

Whether there is a mistake in a cut-out, a lost component, a logistic issue or an old product you have to repair, we make it easier for you to fix by providing the right solution.



|            | Cable gland plate | Plain doors          | Transparent door       | Door accessories                 | Earthing accessories | Fixing hardware                     |
|------------|-------------------|----------------------|------------------------|----------------------------------|----------------------|-------------------------------------|
| SBM        |                   |                      |                        |                                  |                      |                                     |
| CRN        |                   | ■                    | ■                      | ■                                | ■                    | ■                                   |
| CRNG       |                   | ■                    | ■                      |                                  | ■                    | ■                                   |
| S3DM       |                   |                      | ■                      |                                  | ■                    | ■                                   |
| S3DC       |                   | ■                    |                        |                                  | ■                    |                                     |
| S3DCD      |                   | ■                    |                        |                                  |                      |                                     |
| S3DB       |                   | ■                    |                        |                                  | ■                    |                                     |
| SF         |                   |                      |                        | ■                                |                      | ■                                   |
| SM         | ■                 | ■                    |                        | ■                                |                      |                                     |
| S3X        |                   | ■                    | ■                      | ■                                |                      |                                     |
| SMX        | ■                 | ■                    |                        |                                  |                      |                                     |
| SFX        | ■                 | ■                    |                        | ■                                |                      |                                     |
| PLA        |                   | ■                    |                        | ■                                |                      | ■                                   |
| PLM        |                   | ■                    | ■                      | ■                                |                      | ■                                   |
| SD         | ■                 | ■                    |                        | ■                                |                      |                                     |
| SDX        | ■                 | ■                    |                        |                                  |                      |                                     |
| S3CM       |                   | ■                    |                        | ■                                | ■                    |                                     |
| S3HF       |                   | ■                    |                        |                                  | ■                    |                                     |
| S3DEX      |                   | ■                    |                        |                                  | ■                    |                                     |
| PHD        | ■                 | ■                    |                        | ■                                |                      |                                     |
| S3HD       | ■                 | ■                    |                        | ■                                |                      |                                     |
| SFHD       | ■                 | ■                    |                        |                                  |                      |                                     |
| References | NSYCE●●●          | NSYD●●●<br>NSYS●D●●● | NSYD●●●T<br>NSYS●D●●●T | NSYAED●●●<br>NSYDH●●●<br>NSYH●●● | NSYSWMEL             | NSYAS●●●<br>NSYCS●●●<br>NSY●●●CG●●● |

Consult [Universal Enclosures general catalogue](#).



| Locking accessories   | Panels                            | Installation acc. | plinth accessories   | Roof                             | Roof accessories | Miscellaneous               |            |
|---|-----------------------------------|-------------------|----------------------|----------------------------------|------------------|-----------------------------|------------|
|   |                                   |                   |                      |                                  |                  | Bag of accessories (screws) | SBM        |
| ■   | ■                                 |                   |                      |                                  |                  | Adhesive sealing gasket     | CRN        |
| ■   | ■                                 |                   |                      |                                  |                  | Screw bag CGP               | CRNG       |
| ■   | ■                                 |                   |                      |                                  |                  |                             | S3DM       |
| ■   | ■                                 |                   |                      |                                  |                  |                             | S3DC       |
| ■   | ■                                 |                   |                      |                                  |                  |                             | S3DCD      |
| ■   | ■                                 |                   |                      |                                  |                  |                             | S3DB       |
| ■   | ■                                 | ■                 | ■                    | ■                                |                  | Gaskets framework uprights  | SF         |
| ■   |                                   |                   | ■                    |                                  |                  |                             | SM         |
| ■   |                                   |                   |                      |                                  |                  |                             | S3X        |
|   |                                   |                   |                      |                                  |                  |                             | SMX        |
| ■   |                                   |                   |                      |                                  |                  |                             | SFX        |
| ■   |                                   |                   | ■                    |                                  |                  |                             | PLA        |
| ■   |                                   |                   |                      |                                  |                  |                             | PLM        |
| ■   | ■                                 |                   |                      |                                  |                  |                             | SD         |
| ■   | ■                                 |                   |                      |                                  |                  |                             | SDX        |
| ■   | ■                                 |                   |                      |                                  |                  |                             | S3CM       |
| ■   |                                   |                   |                      |                                  |                  |                             | S3HF       |
| ■   | ■                                 |                   |                      |                                  |                  |                             | S3DEX      |
| ■   |                                   |                   | ■                    |                                  |                  |                             | PHD        |
| ■   |                                   |                   |                      | ■                                |                  |                             | S3HD       |
| ■   | ■                                 |                   |                      | ■                                |                  |                             | SFHD       |
| NSYAEDL...<br>NSYBTA...<br>NSYV...<br>NSYLCK...<br>NSYLS... | NSYPA...<br>NSYBP...<br>NSYSWM... | NSYSQCR...        | NSYPC...<br>NSYZZ... | NSYRS...<br>NSYTJ...<br>NSYSC... | NSYTRIM...       | -                           | References |



**A complete offer, easy to request and install:**

- Complete and consistent offer of spare parts
- Each fragile component can be ordered
- In most cases, part can be replaced quickly without changing the enclosure
- Clear delivery time
- Defined price
- International availability

**Check with your local contact.**

## Web Product Selectors

### Online tool



> **What it does:** enables to view and download technical data and to add components to a basket.

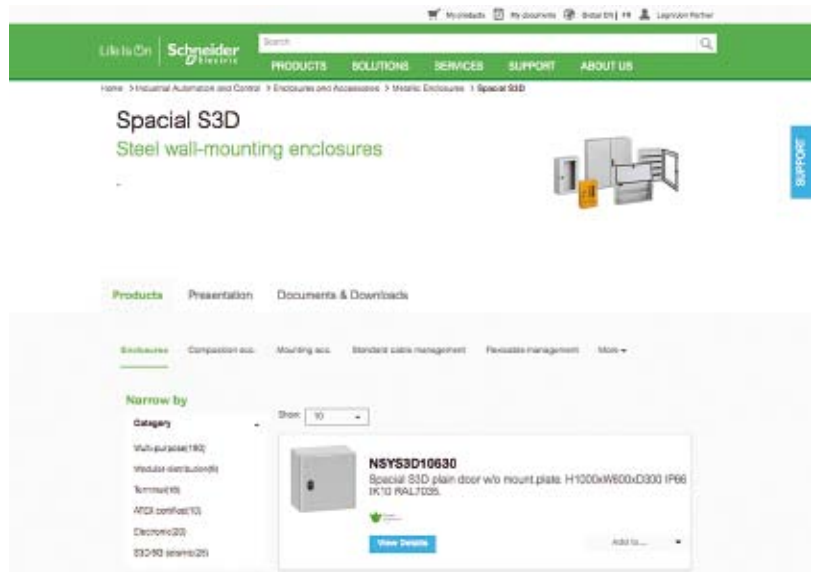
> **How to get it:**

[www.schneider-electric.com](http://www.schneider-electric.com)

- > Products
- > Industrial automation and control
- > Enclosures and accessories
- > Select a range

> **Available for following ranges:**

Spacial SDB, SBM, CRN, S3D, S3D6G, S3D6GK3, S3HD, S3HF, S3DEX, S3CM, SM, SF, SFP, SFM, SFHF, SFHD, SF5G, SFP5G, SD, S3X, S3XEX, SMX, SFX, SDX  
Thalassa TBS, TBP, PLS, PLM, PLD, PLA, PHD  
ClimaSys CV, CA, CR, CU, CE, CC, DT



## Enclosures selector: Digital Rules

### Offline software



> **What it does:** configuration tool that allows to select the best components amongst our wide range, very easily and error-free. Enclosures and accessories are combined automatically, saving you time and money. You can create a complete bill of material of enclosures for your control panel.

> **How to get it:** type "digital rules" in the [www.schneider-electric.com](http://www.schneider-electric.com) search box.

> **Available for following ranges:**

Spacial SBM, S3D, S3CM, SM, SF, SD, SDX, S3X, SFX, SMX  
Thalassa PLM, PLA



## Thermal calculation: EffiClima & ProClima

### Offline software



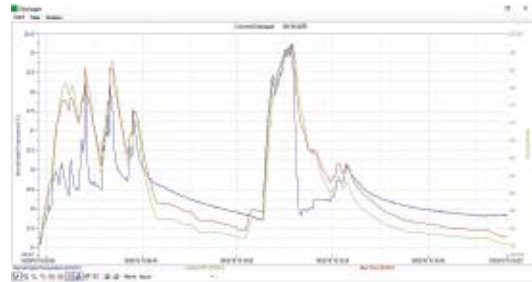
### EffiClima

> **What it does:** Create a complete and accurate tracking report of thermal conditions - temperature, humidity, dew point for your machine or process and environment.

A complete diagnosis in 3 steps:

- 1• ClimaSys DT dataloggers measure and track thermal data.
- 2• EffiClima software translates data into a report on temperature, humidity, and dew point
- 3• ProClima software proposes the right thermal management solution based on the data variables.

> **How to get it:** type "EffiClima" in the [www.schneider-electric.com](http://www.schneider-electric.com) search box.



### ProClima

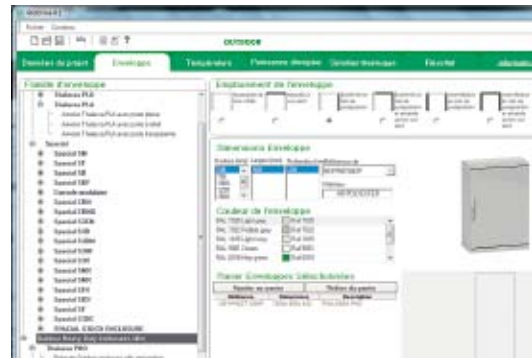
> **What it does:** it is a thermal calculation software package.

It calculates and selects the thermal accessories required for enclosures containing electrical and electronic equipment.

Helps prevent breakdown issues due to overheating of devices in control panels.

> **How to get it:** type "ProClima" in the [www.schneider-electric.com](http://www.schneider-electric.com) search box.

> Available for all Universal Enclosures ranges.



## Customized services configurator: Spacial.conf

### Offline software

### Online tool



> **What it does:** it is a Services quotation tool, which finds the best solution with Schneider Electric enclosures, accessories and their associated services: mounting components, machining for cut-outs and colours.

> **How to get it:** contact your local Schneider Electric representative.

> Available for all Universal Enclosures ranges.

