Customization Services

PanelSeT Spacial Thalassa Enclosures

Customization Guide

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se.com/enclosures

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Save Time and Costs on your Enclosures with the Help of our Customization Services

Enclosure preparation takes precious time away from actual panel building

Preparing your Enclosure can take a significant amount of time and manual labor. Not only that, achieving a high-quality final result can be challenging. This work can make you lose time on tasks such as:

- Drilling cut-outs for push-buttons, light indicators and cable entries
- Adding device fitting plates and cable glands
- Milling
- Deburring
- Painting

That's where Schneider Electric's PanelSeT, Spacial and Thalassa enclosure customization services fit in. We can insource the low-value customization work and get it done quickly for you. That way, your enclosures are ready for wiring when they arrive, saving you time and reducing costs, whilst also improving the quality of your panels.

Which Enclosures Can you Customize?

Customization services are offered for a wide selection of enclosures made with a variety of materials, for applications ranging from electrical distribution and industrial automation to data networks.

PanelSeT and Spacial steel enclosures

- Includes enclosures ranging in size from small boxes to large, floor-standing units
- Robust design for indoor industrial environments
- Help protect electrical equipment from dust, oil splashes, impacts, and more
- An extensive assortment of accessories available

Spacial stainless-steel enclosures

An optimal solution for environments with hygiene requirements, and for harsh, highly corrosive environments, available in two alloys:

- 340L – corrosion-resistant and easy to clean, suitable for the food and pharmaceutical industries
- 316L – offering the highest corrosion resistance, designed for saline and chlorinated environments

Thalassa insulating-material enclosures

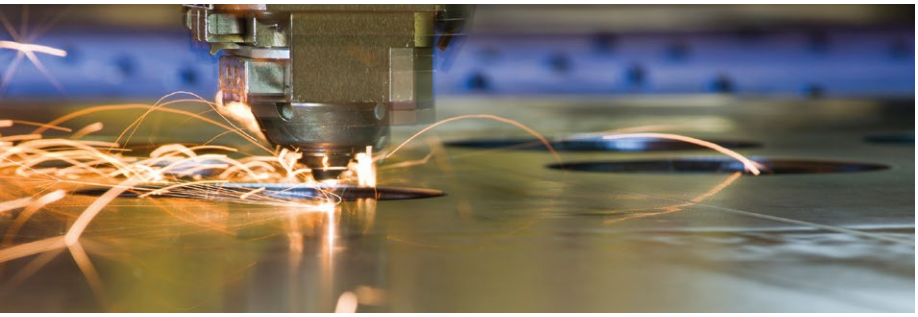
Designed to help protect electrical equipment from highly demanding environments:

- Made with fiberglass-reinforced polyester for outdoor operation (panels exposed to direct sunlight, rain, salt mist, or extreme temperatures)
- Made with ABS or polycarbonate for aggressive industrial atmospheres (oil splashes, chemical and corrosive agents)
- Made with heavy-duty polyester for public outdoor areas

What Are the Different Customizations Options Available for your Enclosure? (1/3)

We offer a wide variety of customization options that you can choose from. To achieve the highest quality and precision, the same consistent look and feel across different enclosures in a series, as well as quick lead times, all of the customization work is done with high-performance industrial equipment.

Cut-outs



Cut-outs are created with digitally-controlled laser or punching machines. This helps ensure that the position and dimensions of cut-outs are accurate and strictly identical across all the enclosures with the same configuration. The cut-out edges don't require any touch-ups.

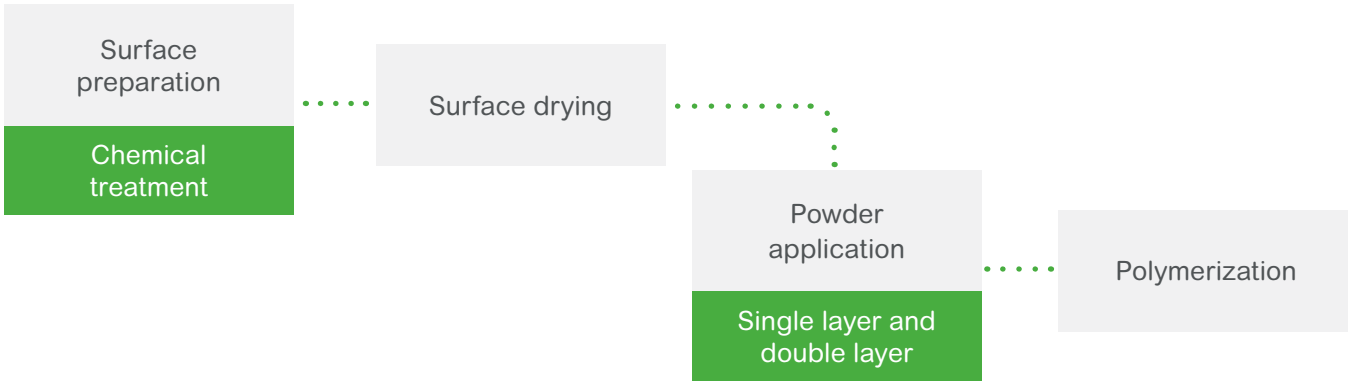
Painting

Painting takes place after the cut-outs are created, to help ensure flawless coating and anti-rust protection. Gaskets and other accessories are attached after the painting process is complete, which helps ensure the reliability and durability of the protective layer.

You can choose nearly any color of paint, select textures, or add serigraphy printing. Surface treatments includes:

- Anti-corrosion primer layer
- 100% polyester powder for outdoor or harsh industrial environments

The fully automated painting process takes 2h 30 min.

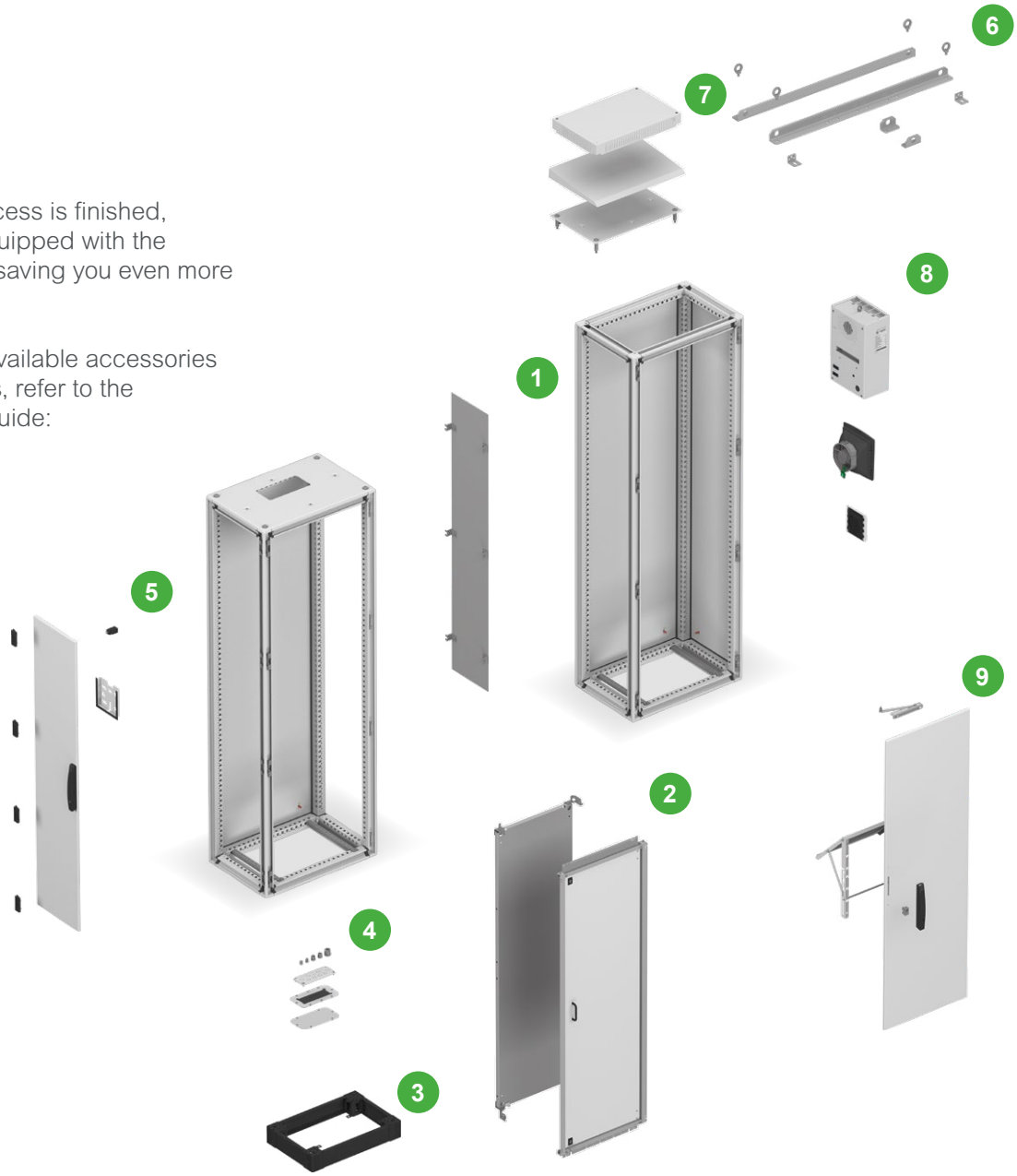


What Are the Different Customizations Options Available for your Enclosure? (2/3)

Accessories

After the painting process is finished, enclosures can be equipped with the desired accessories, saving you even more time.

To see the full list of available accessories for each of the ranges, refer to the dedicated selection guide:



1 Composition accessories
e.g. Coupling spacers, frames

2 Internal accessories
e.g. mounting plates, chassis, rails, internal doors

3 Settling accessories
e.g. plinths, pillars, floorstanding kits, wall-fixing lugs

4 Cable entries
e.g. gland plates, cable glands, membranes, cable guides

5 Side or rear panels and doors
e.g. internally fixed, externally fixed

6 Hoisting accessories
e.g. eyebolts, brackets, bars

7 Roof and roof accessories
e.g., canopies, ventilated canopies, airing elevators

8 Thermal protection accessories
e.g. airing grids, fans, cooling units, thermostats

9 Doors and door accessories
e.g. hinges, handles, locks

What Are the Different Customizations Options Available for your Enclosure? (3/3)

Specific dimensions

Unlike the catalog-listed enclosures, width, height and depth can be supplied in any multiple of 10 mm for small enclosures, and any multiple of 100 mm for large enclosures (only applicable to the PanelSeT and Spacial range).

Assembled enclosures

For electrical panels comprising several cubicles placed side by side, enclosures can be delivered fully assembled, with or without cable paths.

Thermal studies

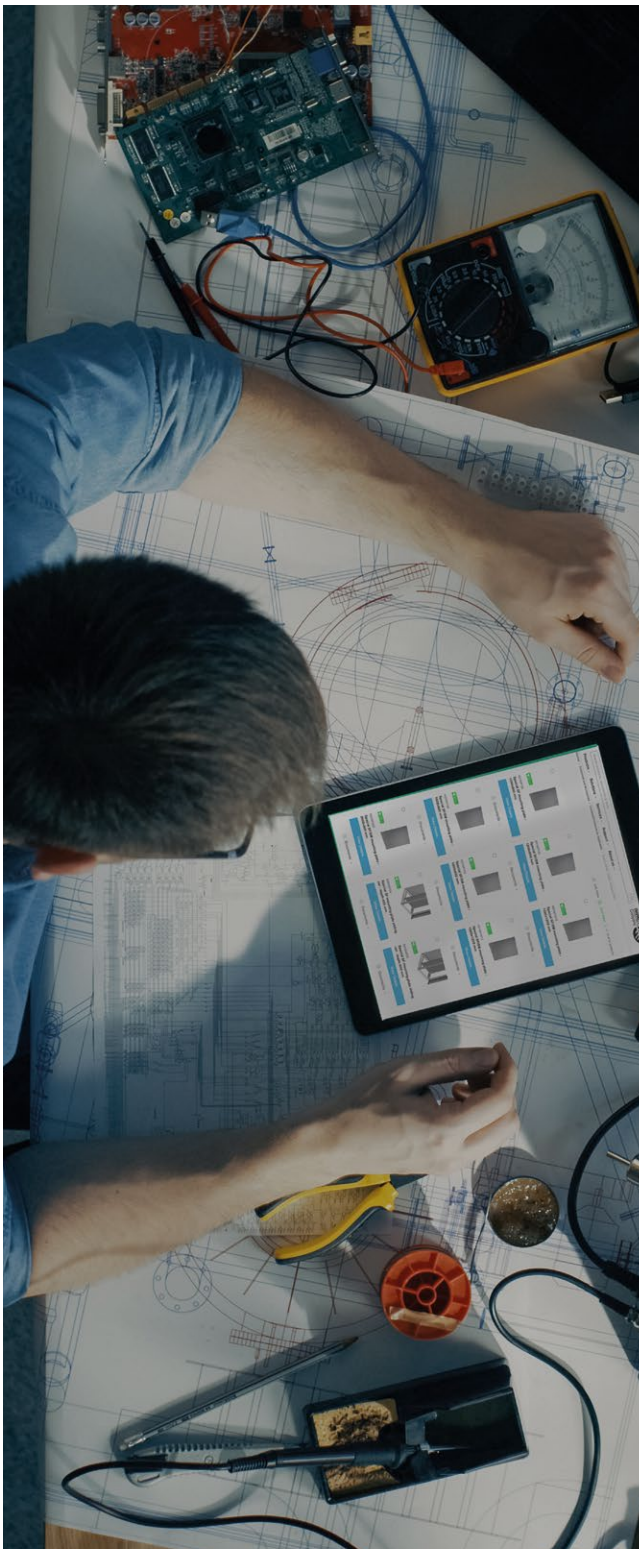
At your request, Schneider Electric experts can help ensure the enclosures will provide suitable temperature and humidity conditions for your electrical equipment.
To achieve that, the enclosures will be equipped with airing grids, fans, cooling units, or heaters and their controllers.

Quality control, audits, and certifications

All our enclosure manufacturing sites are ISO 9000 certified, which means strict quality controls throughout all the industrial processes. Additional quality checks and audits can be set up too, depending on your project's requirements. Conformity declarations or certificates are available on request.

Packaging and delivery

Manufacturing batches can be sized and deliveries scheduled to match your stock and flow requirements. Transportation conditions can be assessed, and reinforced packaging opted for.



Quick Overview on how to Define your Enclosure (1/2)

Step 1: Define your environment

Installation

- Indoor or outdoor
- Outdoor under shelter
- Clean or not clean environment
- IP level
- IK level

Step 2: Check certification and homologation

Certification

- UL
- ATEX

Control report

- During manufacturing
- Before shipping

Performance

- Nema
- Marine
- Seismic
- Others

Step 3: Specify technical characteristics

Offer type

- Wall mounted
- Floor standing

Dimensions

- Height
- Width
- Depth

Door[1]

- Plain door
- Glazed door
- Opening: right (default) / left
- Door lock[2] (mounted / not mounted)

Cable entries Cut-out

- Side
- Top
- Bottom

[1] On floor standing offer (SFN) a door can also be mounted on the back and on the sides
[2] Choose from a range of the most common locks on the market

Quick Overview on how to Define your Enclosure (2/2)

Step 3: Specify technical characteristics (cont.)

Plinth

- Yes
- No
- Reinforced

Accessories

- Filterfans
- Ventilation grid
- Door locks

Some accessories can be ordered mounted and other will be delivered along with the enclosure; this possibility is indicated in the Custom Enclosure Configurator.

Fixing of the enclosure

- On the wall
- On the floor
- Other

Installation of device inside the enclosure

- Mounting plate
  - Plain
  - Microperforated
  - Telequick
- Load inside the enclosure (load in kg)

Handling and transport

- Lifting ring for hoisting
- Plinth for pallet truck

Step 4: Choose other services

Colors

- Metallic range
  - Standard color (RAL 7035)
  - Other color, to be specified (17 colors in the online configurator, more with our offline support)
- For polyester and plastic ranges
  - Standard color (RAL 7035)
  - Other colors possible for large quantities

Machining

- Define the size, shape and number of holes on the body and on the door
- For a quote, only the number of holes on the body and on the door is required, but to place an order, a drawing is required

Assembly

- Some accessories can be ordered mounted and other will be delivered along with the enclosure; this possibility is indicated in the Custom Enclosure Configurator.
- Possibility of coupling
- A wide range of accessories is also available with the help of our offline support

To Define your Basic Customization Projects, Choose the Online Configurator

Online configurator

Specify settings and get a quote in a single tool, then email your order in.

For basic customization work (see next page for advanced customization), the Custom Enclosure Configurator allows you to adjust the enclosure to your specifications in a couple of minutes. And it provides you with a price quote and delivery lead time.

It's a convenient, simple-to-use tool that gives you a wide variety of options to choose from, from different cut-out shapes to paint colors and accessory fittings.

Follow these 5 easy steps to use the Custom Enclosure Configurator

The Custom Enclosure Configurator is a fully automated tool, so your project will be automatically sent to production. It is an online tool that is always up to date, and allows an easier transmission for ordering.
To access the configurator, scan the QR code or go to **https://custom-enclosures.se.com/**

1

Select the enclosure from the catalog

Choose height, width, depth.

2

Select accessories and mounting options

Some accessories can be ordered mounted and other will be delivered along with the enclosure.

Specify cut-outs

Choose the cut-out locations, shapes and dimensions.

Select your color

Pick from 17 available shades.

3

Get a price quote and lead time

Confirm your order and send it by email right away.

Place your order

Confirm and place your order right away, without waiting for a confirmation by email or phone

To Define Complex Customization Projects, Contact our Experts

Offline support

For complex projects requiring advanced customization, a dedicated team of Schneider Electric experts will guide you through the process.

Here's an outline of our advanced customization process:

- Provide your specifications
- Get a feasability study and quotation
- Confirm and place your order
- Manufacturing starts
- A quality assessment is performed
- Your product is delivered

Discover how Otech, a French OEM, takes advantage of PanelSeT, Spacial and Thalassa customization services.

Customization Benefits

Time Savings
Delivered with cut-outs and painting: no waste of time

Logistics
- Flexible management of your logistics option (scheduled delivery service for on going orders)
- Special packaging

Simplified Installation
Enclosures delivered with cut-outs: no special tools required

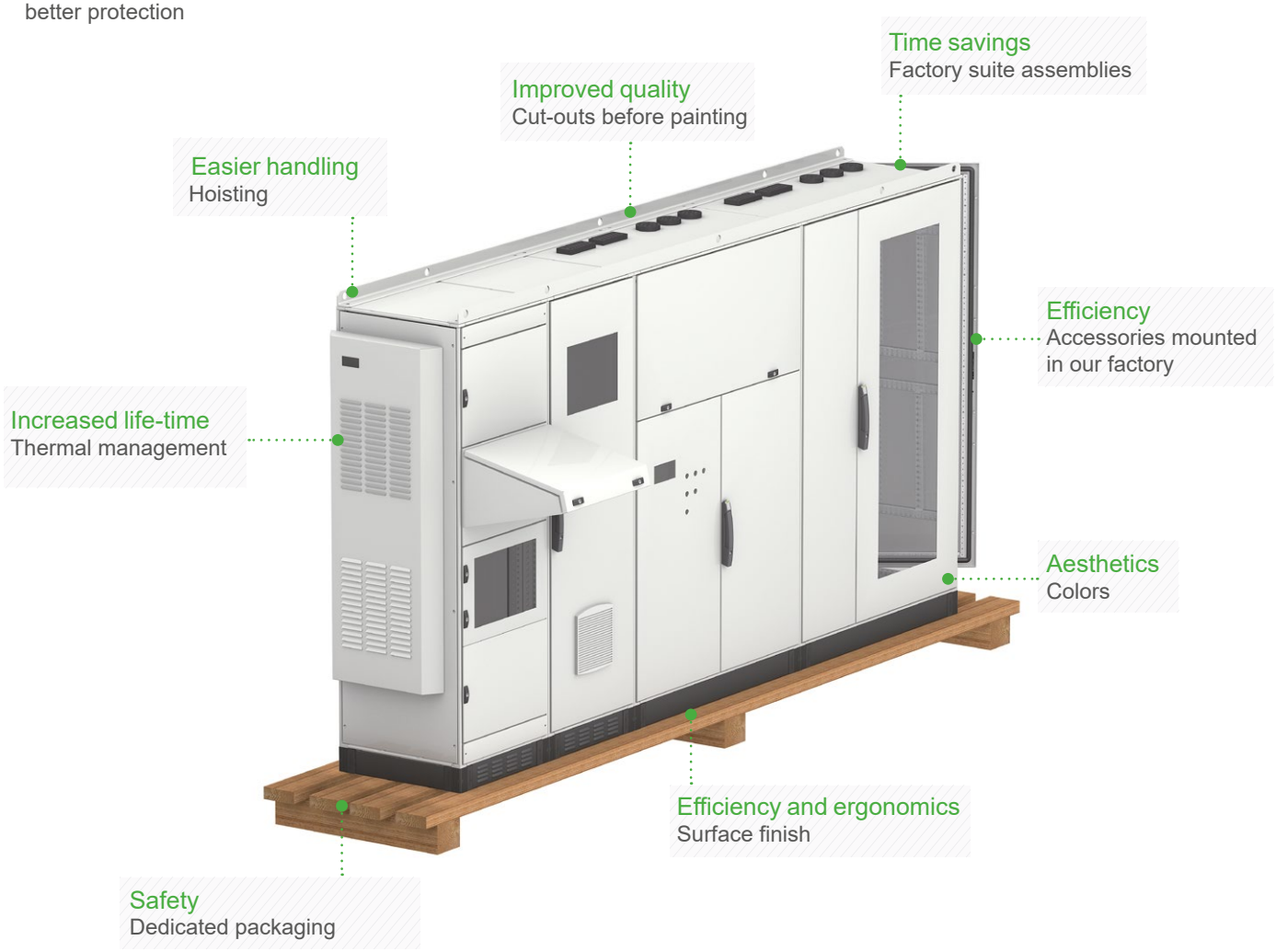
Ergonomic Design
Customized project dedicated to your personal requirements

Increased Life-Time
- Cut-outs made before panting help ensure corrosion protection and reliable sealing
- Painting service for better protection

Improved Quality
- No burrs on edges of cut-outs
- Help guaranty manufacturing tolerances

Aesthetics
- Large choice of colors
- No scratches in external surfaces

Higher Performance
- Adapted thermal management
- Higher-grade stainless-steel



Customization for PanelSeT and Spacial Ranges

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Available Customization Options for Spacial S3D

Online configurator

Offline support

The steel wall-mounting enclosure with the greatest range of available dimensions on the market.

Designed to help ensure easy equipment setup and maintenance, this enclosure helps you save time during your projects. Our Spacial S3D range has been developed to help maintain optimal security for components, but it also help ensure water and dust tightness as well as impact resistance. Its earthing studs welded to the body and door are designed to help with personal safety.
Not only that, but this range can also be configured according to your needs by either choosing our online configurator or offline support for more specific offers.

S3D

For each setting, check if you can use the online configurator; if the customization offer is not listed then please contact offline support.

Main characteristics for online and offline support

	Services	Quantity 1	5	50
Online configurator	• Configured • STD references • 17 bestselling RAL colors • Cut-out and/or selected STD accessories		Lead time* 9 working days	
Offline support	• Engineered to order • All STD references • Specific dimensions with 10 mm increment between 2 values • All colors (configurator + special) • Cut-out/all accessories/welding	Lead time* 15 working days minimum To be confirmed with consultant		
	• Engineered to order • All STD references • Specific dimensions with 10 mm increment between 2 values • All colors (configurator + special) • Cut-out/all accessories/welding		To be confirmed with consultant 15 working days minimum	

* Lead time = Factory Ex Works

Select your packaging and delivery

Standard

- **Reinforced protection for special transportation**
- **Batch sizes**

Select your quality controls and certificates

Customized offers will receive the same high level quality control process as our standard offers. Additionally, upon request, various quality conformity declarations can be issued. In some projects, factory audits may be mandatory; our quality department responsible for organising these. For large projects, third party certification can be performed to obtain a certification that you may need for your project.

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Available Customization Options for Spacial S3D

Online configurator

Offline support

Select your dimensions

Height	Depth	Width								
		200	250	300	400	500	600	800	1000	1200
300	150									
	200									
400	150									
	200									
	250									
500	200									
	250									
600	200									
	250									
	300									
	400									
700	250									
800	200									
	250									
	300									
	400									
1000	250									
	300									
	400									
1200	300									
	400									
1400	300									

Standard sizes Specific sizes

Select your cut-outs on the body and door

The on-line configurator enables you to select your cut-outs from a set of basic shapes (square, rectangle, round, oblong).
Cut-outs of any shape, including the most specific ones, can be considered by our dedicated customization teams.

	Rectangle, Round, Oblong	Cut-out for accessories and cooling units	Cut-out for most common control and signaling offers	All types of shape
Online configurator	Yes	Yes	Yes	No
Offline support	Yes	Yes	Yes	Yes

Select your painting

Paint is only available for metallic in the Online Configurator. Check if you can use the online configurator to select your desired painting options; if the customization offer is not listed then please contact offline support

STANDARD COLOR

RAL 7035

Non-contractual colors

ADDITIONAL COLORS

1015 2003 5012 6011 7021 7032
7035 7036 7037 7038 7040 9001
9003 9005 9010 9016 9023

196 colors
Surface finish
Reinforced Anticorrosion treatment
Serigraphy

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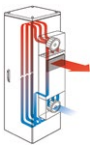
Available Customization Options for Spacial S3D

Online configurator

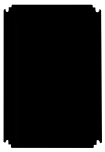
Offline support

Select your thermal equipment

	Airing	Heating and ventilation			Cooling		Thermal studies
	Outlet grid	Filterfan*	Thermostat	Aluminum PTC Heaters	Cooling unit	Exchanger	
							
Online configurator	92x92 125x125 223x223 291x291	85 m³/h 165 m³/h 300 m³/h 560 m³/h 850 m³/h	Mechanical NO contact Mechanical NC contact	No	No	No	No
Offline support	All types	All types	All types	Yes	Yes	Yes	Yes

* Filterfan 230V IP54

Select your main accessories

	Mounting plates					Chassis	Rails
	Plain	Silkscreened	Multiperforated	Telequick	Bakelite		
Accessory type							
Online configurator	Yes	No	No	No	No	No	No
Offline support	Yes	Yes	Yes	All types	Yes	Yes	Yes

Select your door accessories

	Handle locks	Hinges 180°	Inner door	Door stay	Door switch
Accessory type					
Online configurator	S3D 1242E key handle S3D 2334A key handle S3D 405 key handle S3D 421 key handle S3D 455 key handle S3D 3 mm key double bar lock insert Lockable handle for S3D 6.5 mm triangle lock insert Padlockable closure system Triangular lock insert 6.5 CNOMO S3D 8 mm triangle lock insert	No	Yes	Yes	Yes
Offline support	All types	Yes	Yes	All types	Yes

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Available Customization Options for Spacial S3D

Online configurator

Offline support

Select your cable entry accessories

	Gland plates	Cable glands	Membranes	Cable guides	Unit cable entries
Accessory type					
Online configurator	FL21 type L345xW130 FL type gland plates with membrane 278x63 mm	No	FL21 membrane with 27 entrances	No	No
Offline support	All types	All types	All types	All types	All types

Select your installation accessories

	Wall fixing lugs	Post fixing	Plinths	Pillars	Support brackets	Floor-standing kit
Accessory type						
Online configurator	Set of wall fixing lugs made of steel	No	No	No	No	No
Offline support	All types	All types	Yes	All types	Yes	All types

Select your other accessories

	Earthing Accessories	Lifting eye bolts	Document pocket	Canopy	Window	Step slides	Lamps
Accessory type							
Online configurator	Earthing braid L. 160 mm	Yes	Plastic document pocket	No	No	No	No
Offline support	All types	Yes	All types	All types	All types	All types	All types

Select your assemblies

	Reverse door opening	Coupling spacers
Accessory type		
Online configurator	No	No
Offline support	Yes	Yes

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Available Customization Options for Spacial S3D

Online configurator

Offline support

Spacial S3D applicatives

In addition to S3D customization possibilities, we can propose pre-designed solutions for several types of applications, such as S3D HD for harsh environments.

Spacial S3HF

Spacial S3HF wall-mounted enclosure, IP55, IK10. From 400 x 300 x 200 mm to 1200 x 800 x 300 mm (W x D x H).

- Metal monobloc enclosures constructed from special ALU-ZINC 150 sheet.
- Body constructed from single folded and welded sheet.
- The enclosure surface, comprising 55% aluminum, help ensure good reflection of radiated electromagnetic interference.
- Ingress protection rating: IP55.
- Mechanical protection rating: IK10.
- Structured finish, exclusively epoxy polyester paint on the outside.
- RAL 7035 gray.

S3D HD

Outdoor Heavy Duty (HD) enclosures are made of coated steel. Suitable to be installed in private areas with harsh environments thanks to their ability to resist up to C4H level according ISO 12944-6: 2018 thanks to special anticorrosion traitment before painting.

S3D Seismic

The seismic version of S3D has two different performance levels which correspond to two applications.

- S3D: All available sizes aretested to seismic performance 2.5 or 3G depending on the size.

- S3D6G: 6G seismic performance, equipped with specific lock, high thickness, reinforced mounting plate fixing<, robust wall fixing. Standard color only (RAL 7035) See available sizes in the table underneath.

Select your dimensions for S3D applicatives

S3D HF dimensions (mm)

Height	Depth	Width				
		300	400	500	600	800
400	200	■	■	■	■	
500	200		■			
600	200		■			
600	250				■	
700	250			■		
800	300				■	
1000	300				■	
1200	300					■

S3D 6G dimensions (mm)

Height	Depth	Width				
		250	300	500	600	800
300	150	■				
400	200		■			
600	250			■		
700	250			■		
800	300				■	
1200	400					■

S3HD Canopy dimensions (mm)

Depth	Width					
	150	200	250	300	350	400
200	■	■	■	■	■	■
250	■	■	■	■	■	■
300	■	■	■	■	■	■
400	■	■	■	■	■	■
500	■	■	■	■	■	■
600				■	■	■
700				■	■	■
800				■	■	■
1000						■
1200						■

Fan belt S3HD dimensions (mm)

Depth	Width				
	200	250	300	350	400
200					
250					
300					
400					■
500					■
600			■	■	■
700					
800			■	■	■
1000					
1200					

■ Standard sizes ■ Specific sizes

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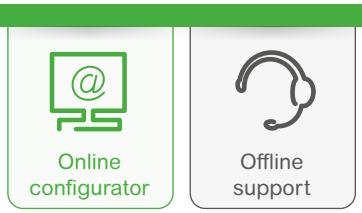

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Available Customization Options for Spacial CRN

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Available Customization Options for Spacial CRN

Online configurator

Offline support

The Steel Wall-Mounting Enclosure developed for indoor non-clean industrial environments.

It has a wide range of sizes for use in industrial automation and control, electrical distribution and electronics and industrial networks.

Not only that, but this range can also be configured according to your needs by either choosing our online configurator or offline support for more specific offers.

CRN

For each setting, check if you can use the online configurator; if the customization offer is not listed then please contact offline support.

Main characteristics for online and offline support

	Services	Quantity 1	20	100
Online configurator	• Configured • **All 39 standard references** • 17 bestselling RAL colors • Cut-out and/or selected STD accessories	**Lead time* 10 working days**		
Offline support	• Engineered to order • **All STD references** • All colors (configurator + special) • Cut-out/all accessories/welding	**Feasibility to be confirmed (Online configurator prototype)**		**Lead time* 15 working days (to be confirmed)**
	• **Special dimensions** • All colors (configurator + pecial) • Cut-out/all accessories/welding • Without gland plate		**Feasibility to be confirmed**	**Lead time* 15 working days (to be confirmed)**

* Lead time = Factory Ex Works

Select your packaging and delivery

Standard

- **Reinforced protection for special transportation**
- **Batch sizes**

Select your quality controls and certificates

Customized offers will receive the same high level quality control process as our standard offers. Additionally, upon request, various quality conformity declarations can be issued. In some projects, factory audits may be mandatory; our quality department responsible for organising these. For large projects, third party certification can be performed to obtain a certification that you may need for your project.

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Available Customization Options for Spacial CRN

Online configurator

Offline support

Select your dimensions

Height	Depth	Width									
		200	250	300	400	450	500	600	800	1000	1200
200	150	■		■							
250	150	■									
300	150		■	■		■					
	200		■	■	■						
400	150			■							
	200			■	■						
	250							■			
	300							■			
500	150				■						
	200				■						
	250				■		■				
600	150				■		■				
	200				■		■	■			
	250				■		■	■			
	300							■	■		
700	200						■				
	250						■				
800	200							■	■		
	250							■			
	300							■	■	■	■
	400							■			
1000	250							■	■		
	300							■	■	■	■
	400							■	■		■
1200	300							■	■	■	■
	400							■	■	■	■
1400	300									■	

■ Standard sizes ■ Specific sizes: consult us

Select your cut-outs on the body and door

The on-line configurator enables you to select your cut-outs from a set of basic shapes (square, rectangle, round, oblong). Cut-outs of any shape, including the most specific ones, can be considered by our dedicated customization teams.

	Rectangle, Round, Oblong	Cut-out for accessories and cooling units	Cut-out for most common control and signaling offers	All types of shape
Online configurator	Yes	Yes	Yes	No
Offline support	Yes	Yes	Yes	Yes

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Available Customization Options for Spacial CRN

Online configurator

Offline support

Select your painting

Paint is only available for metallic in the Online Configurator. Check if you can use the online configurator to select your desired painting options; if the customization offer is not listed then please contact offline support

STANDARD COLOR

RAL 7035

Non-contractual colors

ADDITIONAL COLORS

1015	2003	5012	6011	7021	7032
7035	7036	7037	7038	7040	9001
9003	9005	9010	9016	9023	

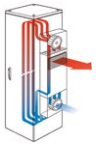
196 colors

Surface finish

Reinforced Anticorrosion treatment

Serigraphy

Select your thermal equipment

	Airing	Heating and ventilation			Cooling		Thermal studies
	Outlet grid	Filterfan*	Thermostat	Aluminum PTC Heaters	Cooling unit	Exchanger	
							
Online configurator	92x92 125x125 223x223 291x291	85 m³/h 165 m³/h 300 m³/h 560 m³/h 850 m³/h	Mechanical NO contact Mechanical NC contact	No	No	No	No
Offline support	Yes	Yes	All types	Yes	Yes	Yes	Yes

* Filterfan 230V IP54

A B C D E F G H I J

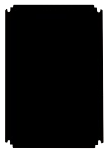
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Spacial CRN

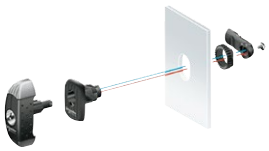
Online configurator

Offline support

Select your main accessories

	Mounting plates						Chassis	Rails
	Plain		Silkscreened	Multiperforated	Telequick	Bakelite		
Accessory type								
Online configurator	200x200 300x200 300x300 500x300 500x400 300x450 700x500 600x600 1000x600 1000x800	250x200 300x250 400x300 400x400 600x400 500x500 500x600 800x600 800x800	No	No	No	No	No	No
Offline support	All types		Yes	Yes	Yes	Yes	All types	Yes

Select your door accessories

	Handle locks	Inner door	Door stay	Door switch
Accessory type				
Online configurator	CRN 405 metal lock with key CRN 405 complete manual handle lock with key CRN 3 mm double bar lock insert Padlock device	Yes	Yes	Yes
Offline support	All types	Yes	Yes	Yes

Select your cable entry accessories

	Gland plates	Cable glands	Membranes	Cable guides	Unit cable entries
Accessory type					
Online configurator	Standard gland plates	No	No	No	No
Offline support	All types	All types	All types	All types	All types

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Available Customization Options for Spacial CRN

Online configurator

Offline support

Select your installation accessories

	Wall fixing lugs	Post fixing	Plinths	Pillars	Support brackets	Floor-standing kit
Accessory type						
Online configurator	Set of 4 wall fixing lugs	No	No	No	No	No
Offline support	All types Screws for lugs	All types	All types	All types	Yes	All types

Select your other accessories

	Earthing Accessories	Document pocket	Canopy	Step slides	Lamps
Accessory type					
Online configurator	Earthing braid L. 160 mm D8 Earthing braid L. 220 mm D6	234x278x40 mm 174x188x22 mm	No	No	No
Offline support	All types	All types	Yes	All types	All types

A B C D E F G H I J

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Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

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Available Customization Options for Spacial SM

Main characteristics for online and offline support ..... p. 36
Select your packaging and delivery ..... p. 36
Select your quality controls and certificates ..... p. 36
Select your dimensions ..... p. 37
Select your cut-outs on the body and door ..... p. 37
Select your painting ..... p. 38
Select your thermal equipment ..... p. 38
Select your main accessories ..... p. 39
Select your door accessories ..... p. 39
Select your cable entry accessories ..... p. 39
Select your installation accessories ..... p. 40
Select your other accessories ..... p. 40
Select your assemblies ..... p. 40

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Available Customization Options for Spacial SM

Online configurator

Offline support

The steel floor-standing enclosure developed for fast and simple solutions.

This enclosure is ideal for the industrial, energy and infrastructure industry.
The Spacial SM body is made as a single piece with a welded rear panel.
The front part forms a rigid frame with welded corners. The IP is guaranteed by the rigidity of the enclosure, its expanded-polyurethane sealing gasket and the subsequent welding. Possibility of double-door enclosures with inner lock on the left door.
This Floor-Standing enclosure offers the largest dimensions in the market for the range.
Not only that, but this range can also be configured according to your needs by either choosing our online configurator or offline support for more specific offers.

SM

For each setting, check if you can use the online configurator; if the customization offer is not listed then please contact offline support.

Main characteristics for online and offline support

	Services	Quantity 1	Quantity 10
Online configurator	• **All STD references** • Cut-out • 17 bestselling RAL colors • Bestselling mounting accessories	**Lead time* 10 working days**	**>10**
Offline support	• **All STD references** • All colors (configurator + special) • Cut-out/all accessories/welding • Without cable entry	**Lead time* 15 working days To be confirmed with consultant**	
	• **All STD references** • Special dimensions (see table) • All colors (configurator + special) • Cut-out/all accessories/welding	**Feasibility to be confirmed**	**Lead time* 15 working days To be confirmed with consultant**

* Lead time = Factory Ex Works

Select your packaging and delivery

Standard

• **Special packaging and deliveries can be proposed**

Select your quality controls and certificates

Customized offers will receive the same high level quality control process as our standard offers. Additionally, upon request, various quality conformity declarations can be issued. In some projects, factory audits may be mandatory; our quality department responsible for organising these. For large projects, third party certification can be performed to obtain a certification that you may need for your project.

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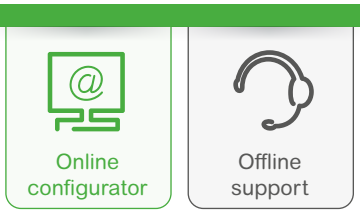
Available Customization Options for Spacial SM



Select your dimensions

Height	Depth	Width						
		600	800	1000	1200	1300	1500	1600
1200	300							
1300								
1400	300							
	400							
1500								
1600	300							
	400							
1700								
1800	300							
	400							
	500							
	600							
2000	300							
	400							
	500							
	600							

Standard sizes Specific sizes: consult us

Select your cut-outs on the body and door

The on-line configurator enables you to select your cut-outs from a set of basic shapes (square, rectangle, round, oblong). Cut-outs of any shape, including the most specific ones, can be considered by our dedicated customization teams.

	Rectangle, Round, Oblong	Cut-out for accessories and cooling units	Cut-out for most common control and signaling offers	All types of shape
Online configurator	Yes	Yes	Yes	No
Offline support	Yes	Yes	Yes	Yes

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Spacial SM

Online configurator

Offline support

Select your painting

Paint is only available for metallic in the Online Configurator. Check if you can use the online configurator to select your desired painting options; if the customization offer is not listed then please contact offline support

STANDARD COLOR

RAL 7035

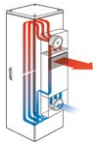
Non-contractual colors

ADDITIONAL COLORS

1015	**2003**	**5012**	**6011**	**7021**	**7032**
7035	**7036**	**7037**	**7038**	**7040**	**9001**
9003	**9005**	**9010**	**9016**	**9023**	

196 colors
Surface finish
Reinforced Anticorrosion treatment
Serigraphy

Select your thermal equipment

	Airing	Heating and ventilation			Cooling		Thermal studies
	Outlet grid	Filterfan*	Thermostat	Aluminum PTC Heaters	Cooling unit	Exchanger	
							
Online configurator	92x92 125x125 223x223 291x291	85 m³/h 165 m³/h 300 m³/h 560 m³/h 850 m³/h	Mechanical NO contact Mechanical NC contact	No	No	No	No
Offline support	Yes	Yes	All types	Yes	Yes	Yes	Yes

* Filterfan 230V IP54

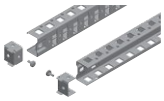
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Spacial SM

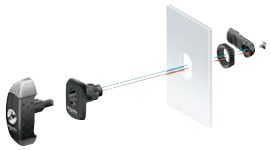
Online configurator

Offline support

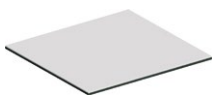
Select your main accessories

	Mounting plates				Uprights	Rails	Rack
	Plain		Multiperforated	Partial			
Accessory type							
Online configurator	1200x1000 1400x1000 1600x600 1600x1000 1800x600 1800x1000 1800x1600 2000x800 2000x1200 2000x1200	1200x1200 1400x1200 1600x800 1600x1200 1800x800 1800x1200 2000x600 2000x1000 2000x1600 2000x1600	No	No	No	No	No
Offline support	All types		All types	All types	All types	All types	All types

Select your door accessories

	Handle locks	Hinges 180°	Inner door	Door stay	Door switch
Accessory type					
Online configurator	3 mm shape insert lock 5 mm shape insert lock 6.5 mm shape insert lock 405E cylindrical barrel 1242E cylindrical barrel 455 cylindrical barrel 2433A cylindrical barrel Adaptor for DIN lock DIN, KABA, ASSA lock system Cylindrical barrel 1242E keylock for NSYSFHD2 PanelSeT SFN and Spacial SM adaptor - for DIN lock	No	No	Yes	Yes
Offline support	All types	All types	Yes	All types	Yes

Select your cable entry accessories

	Gland plates	Cable glands	Membranes	Cable guides	Unit cable entries
Accessory type					
Online configurator	Standard gland plates	No	No	No	No
Offline support	All types	All types	All types	All types	All types

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Available Customization Options for Spacial SM

Online configurator

Offline support

Select your installation accessories

	Plinths	Floor fixing	Wall fixing support
Accessory type			
Online configurator	Front plinths Slide panel plinths Front panel plinths	No	No
Offline support	All types	All types	Yes

Select your other accessories

	Earthing Accessories	Lifting eye bolts	Document pocket	Canopy	Lamps
Accessory type					
Online configurator	No	Yes	Plastic document pocket Metal document pocket	No	No
Offline support	All types	Yes	All types	All types	All types

Select your assemblies

	Coupling spacers
Accessory type	
Online configurator	No
Offline support	All types

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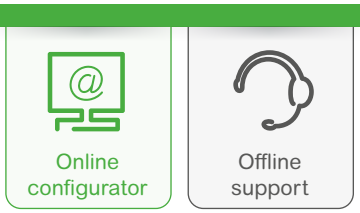

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Available Customization Options for Panel**SeT** SFN

Main characteristics for online and offline support ..... p. 44
Select your packaging and delivery ..... p. 44
Select your quality controls and certificates ..... p. 44
Select your dimensions ..... p. 45
Select your cut-outs on the body and door ..... p. 45
Select your painting ..... p. 46
Select your thermal equipment ..... p. 46
Select your main accessories ..... p. 47
Select your door accessories ..... p. 47
Select your cable entry accessories ..... p. 47
Select your installation accessories ..... p. 48
Select your other accessories ..... p. 48
Select your Assemblies ..... p. 48

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for PanelSeT SFN

Online configurator

Offline support

New

Steel floor-standing enclosure

The steel floor-standing enclosure is the most robust on the market, capable of withstanding 1500 kg distributed across its volume. It is able to offer this capacity thanks to its unique framework design, based on the use of a highly rigid exclusive profile.

Not only that, but this range can also be configured according to your needs by either choosing our online configurator or offline support for more specific offers

SFN

For each setting, check if you can use the online configurator; if the customization offer is not listed then please contact offline support.

Main characteristics for online and offline support

	Services	Quantity 1	10**	25	>200
Online configurator	• All STD references • 17 RAL • Cut-out • Selected accessories	Lead time* 10 working days			
Offline support	• All STD references • All colors (configurator + special) • Cut-out/all accessories/stud welding	Lead time* Minimum 15 working days To be confirmed with consultant			
	• Engineered to order • All STD references + special dimensions • Special dimensions (see table and legend) • All colors (configurator + special) • Cut-out/all accessories/stud welding			Lead time* Minimum 15 working days To be confirmed with consultant	

* Lead time = Factory Ex Works
** Quantity 10 for Capellades

Select your packaging and delivery

Standard

• Special packaging and deliveries can be proposed

Select your quality controls and certificates

Customized offers will receive the same high level quality control process as our standard offers. Additionally, upon request, various quality conformity declarations can be issued. In some projects, factory audits may be mandatory; our quality department responsible for organising these. For large projects, third party certification can be performed to obtain a certification that you may need for your project.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Panel**SeT** SFN

Online configurator

Offline support

Select your dimensions

Specific dimension for Qty >100 as follows:

- Height between 1200 and 2200 mm increments of 100 mm
- Depth between 400 and 1200 mm in increments of 100 mm except D = 500 mm where qty can be much less = consult us.
- Width between 300 and 1600 mm except W = 500 mm and 700 mm where qty can be much less = consult us.

S	**Standard**
X	**Kit**
Y	**Outdoor**
Z	**PrismaSeT**
Z1	**PrismaSeT Kit**

Height	Depth	Width								
		300	400	500	600	700	800	1000	1200	1600
From 600 to 1000	From 400 to 1000									
1200	400				S X		S X			
	500				X		X			
	600				S X		S X			
	800				X		X			
	1000									
1400	400				S X		S X			
	500				X		X			
	600				X		X			
	800				X		X			
	1000									
1600	400				X		X			
	500				X		X			
	600				S X		S X			
	800				S X		S X			
	1000									
1800	400		S X		S X Y		S X Y	S X	S X	
	500		S X		S X		S X	S X	S X	
	600		S X		S X		S X Y	S X	S X	
	800		X		S X		X Y	X	X	
	1000									
2000	400		S X		S X		S X Y	S X	S X	S X
	500	S XZ Z1	S X	Z1	S X	V Z Z1	S X	S X	S X Z1	S X
	600	S XZ	S X		S X Y	V Z	S X Y	S X	S X	S X
	800	S XZ	S X	SZ	S X	V Z	S X	S X	S XZ	
	1000									
2200	400		X		S X		X	X	X	
	500		X		X		X	X	X	
	600		S X		S X		S X	S X	S X	
	800		X		S X		S X	X	S X	
	1000									

Standard sizes Specific sizes

Select your cut-outs on the body and door

The on-line configurator enables you to select your cut-outs from a set of basic shapes (square, rectangle, round, oblong). Cut-outs of any shape, including the most specific ones, can be considered by our dedicated customization teams.

	Rectangle, Round	Cut-out for accessories and cooling units	Cut-out for most common control and signaling offers	All types of shape
Online configurator	Yes	Yes	Yes	No
Offline support	Yes	Yes	Yes	Yes

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for PanelSeT SFN

Online configurator

Offline support

Select your painting

Paint is only available for metallic in the Online Configurator. Check if you can use the online configurator to select your desired painting options; if the customization offer is not listed then please contact offline support

STANDARD COLOR

RAL 7035

Non-contractual colors

ADDITIONAL COLORS

1015	2003	5012	6011	7021	7032
7035	7036	7037	7038	7040	9001
9003	9005	9010	9016	9023	

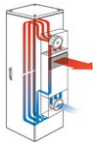
196 colors

Surface finish

Reinforced Anticorrosion treatment

Serigraphy

Select your thermal equipment

	Airing	Heating and ventilation			Cooling		Thermal studies
	Outlet grid	Filterfan*	Thermostat	Aluminum PTC Heaters	Cooling unit	Exchanger	
							
Online configurator	92x92 125x125 223x223 291x291	85 m³/h 165 m³/h 300 m³/h 560 m³/h 850 m³/h	Mechanical NO contact Mechanical NC contact	No	No	No	No
Offline support	Yes	Yes	All types	Yes	Yes	Yes	Yes

* Filterfan 230V IP54

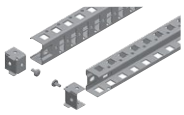
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Panel**SeT** SFN

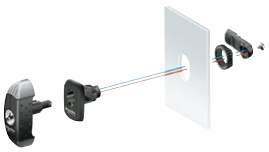
Online configurator

Offline support

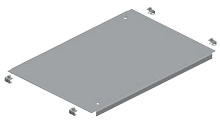
Select your main accessories

	Plain mounting plates	Rails	Rack	Panels
Accessory type		 NSYSUCR4030		
Online configurator	Yes	No	No	Rear panels Side panels
Offline support	All types	All types	All types	All types

Select your door accessories and options

	Handle locks	Hinges 180°	Door option	Door switch	Door Access.
Accessory type					
Online configurator	Shape insert - lock 5 mm double bar Cylindrical barrel - 405E keylock Cylindrical barrel - 1242E keylock PanelSeT SFN and Spacial SM adaptor - for DIN lock Shape insert - lock 3 mm double bar Cylindrical barrel - 455E keylock Cylindrical barrel - 2433A keylock Shape insert - lock 6.5 mm triangular insert	No	Plain door Double plain doors Transparent door Double transparent doors	SFN 10 A/500 V door switch	105 mechanical door stop Door centring caster
Offline support	All types	Yes	All types	All types	All types

Select your cable entry accessories

	Gland plates	Cable glands	Membranes	Cable guides	Unit cable entries
Accessory type					
Online configurator	Plain cable gland plates Cable gland plate with 1entry Cable gland plate with 2 entries	No	No	No	No
Offline support	All types	All types	All types	All types	All types

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Available Customization Options for PanelSeT SFN

Online configurator

Offline support

Select your installation accessories

	Plinths	Floor fixing	Lifting eye bolts	Lifting bar
Accessory type				
Online configurator	Standard plinths	No	Yes	No
Offline support	All types	All types	Yes	All types

Select your other accessories

	Earthing Accessories	Document pocket	Canopy	Lamps
Accessory type				
Online configurator	Earthing braid 6 mm Earthing braid 16 mm Earthing braid 25 mm	A4 plastic document pocket 234x278x40 mm A4 plastic document pocket 230x247x23 mm A3 plastic document pocket 258x476x35 mm Metal document pocket 600 mm Metal document pocket 800 mm	Standard roof	No
Offline support	All types	All types	All types	All types

Select your assemblies

	Reverse door opening	Coupling frame
Accessory type		
Online configurator	No	Yes
Offline support	Yes	Yes

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Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Spacial SBX

Main characteristics for offline support .....p. 52
Select your customization options .....p. 53
Select your dimensions .....p. 53

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Available Customization Options for Spacial SBX

Offline support

The stainless-steel industrial boxes designed with simplicity, ergonomy and quality in mind.

This enclosure is ready to deliver the protection you need in the industry's most challenging applications.

Not only that, but this range can also be configured according to your needs by choosing our offline support.

SBX

The configurator is not yet available for this offer; all cutomizations can be completed with the help of offline support.

Main characteristics for offline support

Spacial SBX is available in either 304L or 316L, and with special dimensions, painting and serigraphies.

On the right-hand page, you can find information regarding customization options.
If you have specifications outside of these parameters, please consult us to check. feasibility.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Spacial SBX

Offline support

Select your customization options

Custom sizes

We can create a custom size to fit specific equipment and components (see below).

Custom materials

- Boxes can be made of 304L or 316L

Custom finishes

We can apply custom finishes to the box, such as painting, to meet specific aesthetic technical requirements.

Paint

- Any type, please consult us

Serigraphies

- Any type, please consult us

Custom cut-outs

We can drill and create openings in the box to accommodate components, cables and connectors.

Cut-outs

- All shapes possibles

Custom accessories

Schneider Electric offers a range of accessories that can be added to the box.

Select your dimensions

Dim.	With UL compliance		Without UL compliance
	Min.	Max.	Max.
Height	100	300	500
Width	100	400	500
Depth	80	120	300

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Spacial S3X

Main characteristics for offline support .....p. 56
Select your customization options .....p. 56
Select your dimensions .....p. 57

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Spacial S3X

Offline support

The stainless-steel wall-mounting enclosure created to be used as standard in the food and beverage, pharmaceutical, and oil and gas industries.

This enclosure can be easily cleaned with hard water to help prevent growth of bacteria, and is also known for its chemical resistance.

Not only that, but this range can also be configured according to your needs by choosing our offline support.

S3X

The configurator is not yet available for this offer; all cutomizations can be completed with the help of offline support.

Main characteristics for offline support

Below, you can find information regarding customization options.
If you have specifications outside of these parameters, please consult us to check feasibility.

Select your customization options

Custom sizes

We can create a custom size to fit specific equipment and components (see next page).

Custom cut-outs

We can drill and create openings in the box to accommodate components, cables and connectors.

Custom finishes

We can apply custom finishes to the box, such as painting, to meet specific aesthetic technical requirements.

Custom accessories

Schneider Electric offers a range of accessories that can be added to the enclosure, such as ventilation systems, heaters and cooling fans.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Spacial S3X

Offline support

Select your dimensions

Height	Width	S3X (304 L) Depth							S3X with 30° roof (304 L)				S3X (316 L)							S3X with 30° roof (316 L)			
		50	100	150	200	250	300	400	150	200	250	300	50	100	150	200	250	300	350	150	200	250	300
200	200																						
300	200																						
	250																						
	300																						
400	300																						
	400																						
	600																						
500	400																						
	500																						
600	400																						
	600																						
	800																						
	1000																						
	1200																						
700	500																						
800	600																						
	800																						
	1000																						
	1200																						
1000	800																						
	1000																						
1200	800																						
	1000																						
1400	800																						

Standard sizes Specific sizes

S3X 304L dimensions (mm)

Height x Width	Depth							
	50	100	150	200	250	300	400	500
200								
250								
300								
400								
500								
600								
800								
1000								
1200								

Standard sizes Specific sizes

S3X 316L dimensions (mm)

Height x Width	Depth							
	50	100	150	200	250	300	400	500
200								
250								
300								
400								
600								
800								
1000								

Standard sizes Specific sizes

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Available Customization Options for Spacial SMX and SFX

Main characteristics for offline support .....p. 60
Select your customization options .....p. 61
Select your dimensions .....p. 62

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Available Customization Options for Spacial SMX and SFX

Offline support

This stainless-steel floor-standing enclosure helps to protect the inside of the installed equipment against harsh external environments.

Where cleanliness is required, for highly corrosive environments, and if protection against accident contact with internal electrical devices is needed, this enclosure is the solution.

Not only that, but this range can also be configured according to your needs by eiher choosing our offline support.

SMX

SFX

The configurator is not yet available for this offer; all cutomizations can be completed with the help of offline support.

Main characteristics for offline support

Below, you can find information regarding customization options.
If you have specifications outside of these parameters, please consult us to check feasibility.

	Services	Quantity 0	10	20	100
Offline support	• SMX and SFX • Cut-out • 5 additional days for painting		**Lead time* 15 working days**	**Lead time* 30 working days****	

*Lead time = Factory Ex Works
**Lead times given are exworks from our supplier in Bulgaria, please allow an extra 7 days
for EXW Sarre Union and 10 days for EXW Sant Boi

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Available Customization Options for Spacial SMX and SFX

Offline support

Select your customization options

Custom sizes

We can create a custom size to fit specific equipment and components (see next page).

Custom cut-outs

We can drill and create openings in the box to accommodate components, cables and connectors.

Custom finishes

We can apply custom finishes to the box, such as painting, to meet specific aesthetic technical requirements.

Custom accessories

Schneider Electric offers a range of accessories that can be added to the enclosure, such as ventilation systems, heaters and cooling fans.

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Available Customization Options for Spacial SMX and SFX

Offline support

Select your dimensions for SMX

Height	Width	304 L Depth					316 L Depth				
		300	400	500	600	800	300	400	500	600	800
Monobloc enclosures SMX stainless steel											
1200	1000										
1400	800										
	1000										
	1200										
1600	800										
1800	600										
	800										
	1000										
	1200										
	1600										
2000	600										
	800										
	1000										
	1200										
	1600										
Plinth											
100	400										
	600										
	800										
	1000										
	1200										
	1600										
200	400										
	600										
	800										
	1000										
	1200										
	1600										
Canopy 304 and 316 L											
600											
800											
1000											
1200											
1600											

Standard sizes Specific sizes

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Available Customization Options for Spacial SMX and SFX

Offline support

Select your dimensions for SFX

Height	Width	Doors	304 L Depth						316 L					Front and back door (304 and 316 L)(1)	
			300	400	500	600	800	1000	300	400	500	600	800	600	800
Floor standing enclosure SFX stainless steel															
1800	500	Single													
	600														
	800														
	1200	Double													
400	600	Single													
	800														
	1000	Double													
	1200														
Side panel															
		1800													
		2000													
Plinth															
100	400														
	600														
	800														
	1000														
	1200														
200	400														
	600														
	800														
	1000														
	1200														
Canopy 304 and 316 L															
		600													
		800													
		1000													
		1200													
		1600													

(1) No IP Certification and not UL certified

Standard sizes Specific sizes

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Available Customization Options for Thalassa TBS and TBP

Main characteristics for offline support .....p. 66
Select your customization options .....p. 66
Painting options .....p. 66

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Available Customization Options for Thalassa TBS-TBP

Offline support

The boxes that provide high protection

The Thalassa TBS and TBP boxes are used to provide high protection against dust and water, High electrical insulation, hard impact resistance, resistance to UV rays and also resistance to extreme temperatures. These boxes are also renowned for their ease of installation.

Not only that, but this range can also be configured according to your needs by eiher choosing our offline support.

TBS

TBP

The configurator is not yet available for this offer; all cutomizations can be completed with the help of offline support.

Main characteristics for offline support

Below, you can find information regarding customization options.
If you have specifications outside of these parameters, please consult us to check feasibility.

Select your customization

Custom cut-outs

- Cut-outs can be machined on the 5 faces in line with the permitted machining zones
- Minimum diameter for cut-out is Ø3 mm
- Minimum quantity for cut-out project is 20 boxes

Custom mounting options

- Mounting plates
- Din Rails
- Cable glands
- Cable entries
- Condensation valves

Custom serigraphies

Serigraphy possible on covers of 20 mm high

Painting options

Special colors *

Dim.	Minimum quantity		
	Small	Medium	Large
Color (not UL)	1000	500	200

** Lead time: 8 weeks*

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Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Thalassa PLA

Main characteristics for online and offline support ..... p. 70
Select your packaging and delivery ..... p. 70
Select your quality controls and certificates ..... p. 70
Select your cut-outs on the body and door ..... p. 71
Select your painting options ..... p. 71
Select your thermal equipment ..... p. 71
Select your main accessories ..... p. 72
Select your door accessories ..... p. 72
Select your cable entry accessories ..... p. 72
Select your other accessories ..... p. 73
Select your assemblies ..... p. 73

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Available Customization Options for Thalassa PLA

Online configurator

Offline support

The enclosure known for its high durability

This enclosure is not only suitable for indoor and outdoor use, but it is also known for its high durability.
This enclosure is also available in a wide choice of versions.
PLA version: Completely sealed enclosure
PLAT version: Enclosure with ventilated canopy
PLAZ version: Enclosure with open bottom
PLAZT version: Enlcosure with open bottom and ventilated canopy

Not only that, but this range can also be configured according to your needs by either choosing our online configurator or offline support for more specific offers.

PLA

For each setting, check if you can use the online configurator; if the customization offer is not listed then please contact offline support.

Main characteristics for online and offline support

	Services	Quantity 1	10	200	>200
Online configurator	• Cut-out • Standard color • Bestselling mounting accessories	Lead time* 10 working days			
Offline support	• Cut-out • All catalog accessories • Juxtaposition • Vertical join	Lead time* Minimum 15 working days To be confirmed with consultant			
	• Special accessories	Feasibility to be confirmed	Lead time* Minimum 15 working days To be confirmed with consultant		
	• Mass specific color • Color overpainting				Lead time* Contact offline support

* Lead time = Factory Ex Works

Select your packaging and delivery

Standard

• Special packaging and deliveries can be proposed

Select your quality controls and certificates

Customized offers will receive the same high level quality control process as our standard offers. Additionally, upon request, various quality conformity declarations can be issued. In some projects, factory audits may be mandatory; our quality department responsible for organising these. For large projects, third party certification can be performed to obtain a certification that you may need for your project.

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Available Customization Options for Thalassa PLA

Online configurator

Offline support

Select your cut-outs on the body and door

The on-line configurator enables you to select your cut-outs from a set of basic shapes (square, rectangle, round, oblong).
Cut-outs of any shape, including the most specific ones, can be considered by our dedicated customization teams.

	Rectangle, Round, Oblong	Cut-out for accessories and cooling units	Cut-out for most common control and signaling offers	All types of shape
Online configurator	**Yes**	**Yes**	**Yes**	**No**
Offline support	**Yes**	**Yes**	**Yes**	**Yes**

Select your painting options

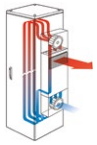
STANDARD COLOR

RAL 7035

Non-contractual colors.
Overpainting is possible on Thalassa offer: contact offline support.

- Specific finishes (polyester dyed, external paint - see page 80, external varnish)
- Specific mass colors are possible with minimum quantities (consult our experts for conditions)
- For special colors, consult our experts
- For dark colors, overpainting is recommended (see page 80)

Select your thermal equipment

	Airing	Heating and ventilation			Cooling		Thermal studies
	Outlet grid	Filterfan*	Thermostat	Aluminum PTC Heaters	Cooling unit	Exchanger	
							
Online configurator	**92x92** **125x125** **223x223** **291x291**	**85 m³/h** **165 m³/h** **300 m³/h** **560 m³/h** **850 m³/h**	Mechanical NO contact Mechanical NC contact	**No**	**No**	**No**	**No**
Offline support	Yes	Yes	All types	Yes	Yes	Yes	Yes

* Filterfan 230V IP54

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Available Customization Options for Thalassa PLA

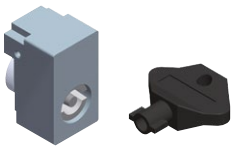
Online configurator

Offline support

Select your main accessories

	Mounting plates				Chassis	Rails
	Plain	Polyester	Telequick	Bakelite		
Accessory type						
Online configurator	Yes	No	No	No	No	PLA D320 1 door mounting plate PLA D420 1 door mounting plate PLA D320 2 doors mounting plate PLA D420 2 doors mounting plate
Offline support	All types	All types	All types	All types	All types	Yes

Select your door accessories

	Handle locks	Inner door	Door stay	Door switch
Accessory type			 NSYRETPLA	
Online configurator	PLA 5 mm shape insert double bar PLA 405E cylindrical barrel keylock PLA 1242E cylindrical barrel keylock PLA adaptor for DIN lock	Yes	Yes	Yes
Offline support	All types	Yes	Yes	All types

Select your cable entry accessories

	Gland plates	Cable glands	Membranes	Cable guides	Unit cable entries
Accessory type					
Online configurator	No	No	No	No	No
Offline support	All types	All types	All types	All types	All types

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Thalassa PLA

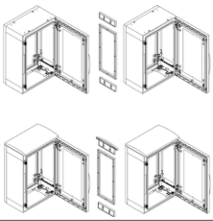
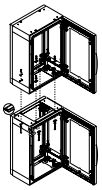
Online configurator

Offline support

Select your other accessories

	Document pocket	Fixing insert	Step slides	Lamps
Accessory type				
Online configurator	A4 Plastic document pocket 234x278x40 mm	PLA M8 Expandable inserts	No	No
Offline support	Yes	Yes	Yes	All types

Select your assemblies

	Reverse door opening	Coupling kits Horizontal	Coupling kits Vertical
Accessory type			
Online configurator	No	No	No
Offline support	Yes	Yes	Yes

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VICTOR LEE

Available Customization Options for Thalassa PLM

Main characteristics for online and offline support ..... p. 76
Select your packaging and delivery ..... p. 76
Select your quality controls and certificates ..... p. 76
Select your cut-outs on the body and door ..... p. 77
Select your painting options ..... p. 77
Select your thermal equipment ..... p. 77
Select your main accessories ..... p. 78
Select your door accessories ..... p. 78
Select your cable entry accessories ..... p. 78
Select your installation accessories ..... p. 79
Select your other accessories ..... p. 79
Select your assemblies ..... p. 79

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Available Customization Options for Thalassa PLM

Online configurator

Offline support

Polyester wall-mounted enclosure ideal for harsh environments

Fiberglass reinforced polyester wall-mounted enclosure, ideal for outdoor installations and harsh environments. This product is suitable for indoor and outdoor applications and can withstand extreme temperatures. In addition to this, it has high electrical isolation and is extremely resistant to fire, vandalism and burglary.

Not only that, but this range can also be configured according to your needs by either choosing our online configurator or offline support for more specific offers.

PLM

For each setting, check if you can use the online configurator; if the customization offer is not listed then please contact offline support.

Main characteristics for online and offline support

	Services	Quantity 1	25	Q**	>200
Online configurator	• Cut-out • Standard color • Bestselling mounting accessories	Lead time* 12 working days			
Offline support	• Cut-out • All catalog accessories	Feasibility to be confirmed (Online configurator Prototype)	Lead time* Minimum 15 working days (Feasibility to be confirmed)		
	• Mass specific color min. quantity • Color overpainting ** Q PLM = 120 units ** Q PLM 108 = 70 units		Feasibility to be confirmed	Lead time* Contact offline support. (Feasibility to be confirmed)	

* Lead time = Factory Ex Works

Select your packaging and delivery

Standard

• Special packaging and deliveries can be proposed

Select your quality controls and certificates

Customized offers will receive the same high level quality control process as our standard offers. Additionally, upon request, various quality conformity declarations can be issued. In some projects, factory audits may be mandatory; our quality department responsible for organising these. For large projects, third party certification can be performed to obtain a certification that you may need for your project.

Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Thalassa PLM

Online configurator

Offline support

Select your cut-outs on the body and door

The on-line configurator enables you to select your cut-outs from a set of basic shapes (square, rectangle, round, oblong).
Cut-outs of any shape, including the most specific ones, can be considered by our dedicated customization teams.

	Rectangle, Round, Oblong	Cut-out for accessories and cooling units	Cut-out for most common control and signaling offers	All types of shape
Online configurator	**Yes**	**Yes**	**Yes**	**No**
Offline support	**Yes**	**Yes**	**Yes**	**Yes**

Select your painting options

Paint is only available for metallic in the Online Configurator.

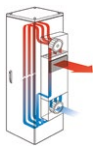
STANDARD COLOR

RAL 7035

Non-contractual colors

- Specific finishes (polyester dyed, external paint - see page 80, external varnish)
- Specific mass colors are possible with minimum quantities (consult our experts for conditions)
- For special colors consult, our experts
- For dark colors, overpainting is recommended (see page 80)

Select your thermal equipment

	Airing	Heating and ventilation			Cooling		Thermal studies
	Outlet grid	Filterfan*	Thermostat	Aluminum PTC Heaters	Cooling unit	Exchanger	
							
Online configurator	**92x92** **125x125** **223x223** **291x291**	**85 m³/h** **165 m³/h** **300 m³/h** **560 m³/h** **850 m³/h**	Mechanical NO contact Mechanical NC contact	**No**	**No**	**No**	**No**
Offline support	Yes	Yes	All types	Yes	Yes	Yes	Yes

* Filterfan 230V IP54

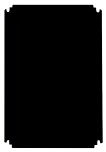
Technical changes reserved. Information provided without guarantee. Images are for illustrative purposes only.

Available Customization Options for Thalassa PLM

Online configurator

Offline support

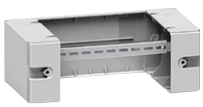
Select your main accessories

	Mounting plates					Chassis	Rails
	Plain	Silkscreened	Multiperforated	Telequick	Bakelite		
Accessory type							
Online configurator	Yes	No	No	No	No	No	No
Offline support	All types	Yes	Yes	Yes	Yes	All types	Yes

Select your door accessories

	Handle locks	Inner door	Door stay	Door switch
Accessory type			NSYRETPLA	
Online configurator	PLM 5 mm double bar insert PLM 1242E handle barrel PLM 405 handle barrel PLM 1242E retractable handle lock PLM padlock device Padlock for retractable handle	Yes	No	No
Offline support	All types	All types	Yes	All types

Select your cable entry accessories

	Gland plates	Cable glands	Membranes	Cable support	Unit cable entries
Accessory type					
Online configurator	No	No	No	No	No
Offline support	All types	All types	All types	All types	All types

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Available Customization Options for Thalassa PLM

Online configurator

Offline support

Select your installation accessories

	Wall fixing lugs	Post fixing	Plinths	Floor mounted pillars	Blanking plates	Fixing inserts
Accessory type						
Online configurator	Set of 4 polyamide lugs Set of 4 stainless-steel lugs	No	No	No	No	PLM M5 expandable inserts PLM M6 expandable inserts PLM M8 expandable inserts
Offline support	All other types Screws for lugs	All types	Yes	All types	Yes	All types

Select your other accessories

	Document pocket	Water drain plug	Renovation paint	Step slides	Lamps
Accessory type					
Online configurator	A4 Plastic document pocket 234x278x40 mm A5 Plastic document pocket 174x188x22 mm	Yes	No	No	No
Offline support	All types	Yes	Yes	Yes	All types

Select your assemblies

	Reverse door opening
Accessory type	
Online configurator	No
Offline support	Yes

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Know Additional Information About Painting for Thalassa Ranges (PLM, PLA)

Aesthetic....p. 82
Extra protection to help prevent fiberglass outcrop....p. 82
Process....p. 82
Limits....p. 82
Golden Samples....p. 82
UV Resistance....p. 83

Additional Tests....p.83

Know Additional Information About Painting for Thalassa Ranges (PLM, PLA) (1/2)

Aesthetic

In some cases, for aesthetic reasons or to extend its service life, painting the polyester is a good solution.
Overpainting also can be also used when colors other than 7035 are required in low to medium quantities, and this cannot be offered with mass colored material.
A factory painted finish gives the enclosure a professional aesthetic.

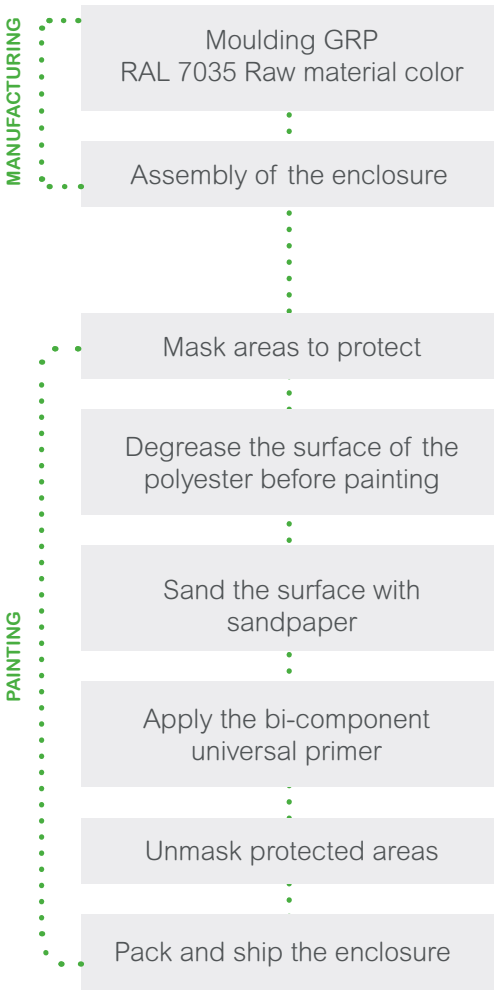
NOTE:
All RAL colors are possible.
Offers covered are PLM and PLA.

Extra protection to help prevent fiberglass outcrop

The paint provides extra protection to help prevent fiberglass outcrop after a few years in a harsh environment.
Outcrop appears after 500 hours of UV exposure on standard GRP enclosures, painting the enclosure and increases the protection to 2000 hours.

Process

Painting on polyester requires height steps (see flow chart).
The enclosures are painted when assembled, so only the exterior area are painted.
We can provide all the characteristics of the paint on demand.



Limits

Only external visible areas are painted; when opening the enclosure door, the limits of painting are visible.
Keylocks are protected.

Golden Samples

For each project, we recommend creating a “golden sample” so that the customer can confirm that the level of quality produced matches their expectations.

Know Additional Information About Painting for Thalassa Ranges (PLM, PLA) (2/2)

UV Resistance

Our painted enclosure

>2000h of UV resistance

Tests performed

In order to validate the UV resistance of our painted enclosures, we have performed a **UV Resistance test according to**:

UNE-EN ISO 4892-1: 2017
Plastics. Methods of exposure to laboratory light sources General guidance

UNE-EN ISO 4892-2:2013/A1:2021
Plastics. Methods of exposure to laboratory light sources. Part 2: Xenon-arc lamps.

ISO 4582 : 2017 Plastics
Determination of **changes in colour** and variations in properties after exposure to daylight under glass, natural weathering or laboratory light sources

EN ISO 2409:2020
Paints and varnishes
Cross-cut test

ISO_179-1:2010; Plastics
Determination of **Charpy impact** properties - Part 1: Non-instrumented impact test.

ISO_179-2:2020; Plastics
Determination of **Charpy impact** properties - Part 2: Instrumented impact test.

EN_ISO_14125: 1998+A1:2011
Fibre-reinforced plastic composites. Determination of **flexural properties**

IEC/EN 60695-2-10: 2021
Fire hazard testing
Part 2-10: **Glowing/hot-wire** based test methods – Glow-wire apparatus and common test procedure

IEC/EN 60695-2-11: 2021
Fire hazard testing
Part 2-11: **Glowing/hot-wire** based test methods – **Glow-wire flammability** test method for **end products** (GWEPT)

Additional Tests

IEC / EN 62208:2011Empty enclosures for low-voltage switchgear and controlgear assemblies –General requirements

IK Test (Impact Test)
UNE-EN 62262:2002; IEC 62262=2002+A1=2021_ Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

Corrosion ResistanceTest
EN ISO 12944-6:2018 Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 6: Laboratory performance test Methods.

IEC60068-2-30: 2005 / UNE-EN 60068-2-30: 2006 _Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 h + 12 h cycle) . UNE-EN IEC 60068-2-11: 2021_Environmental testing –Part 2- 11: Tests – Test Ka: Salt mist

Thermal Stability (70° during 168h)
UNE-EN 60068-2-2: 2008 / IEC 60068-2-2: 2007_Environmental testing – Part 2-2: Tests – Test B: Dry heat

UL standards
UL94: 2022_Tests for Flammability of Plastic Materials for Parts in Devices and Appliances:

NOTE:
Flammability – 127 mm (5 inch) Flame Test
Horizontal Burning Test; HB (or IEC 60695-11-10)

Life Is On | Schneider Electric

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