

Protect people and preserve equipment

Universal Enclosures

Schneider
Electric



Easy to mount, easy to work, easy to choose

Quality and safety go hand in hand

High profile enclosures for your most demanding job

For more than 50 years, Schneider Electric Universal Enclosures has been developing and manufacturing rugged enclosure solutions for businesses worldwide. Turn our experience and expertise into your advantage by choosing any of our enclosures to help meet your goals and protect your key assets.

Maximum durability

Enclosures are manufactured of steel, stainless steel, or insulating material in order to **provide the highest level of durability in any environment.**



More than
50 years
protecting
people and
devices

Total protection

Products are designed to provide total protection for electric and electronic components from water, dust, and environmental conditions. **IP levels up to IP 66 according to IEC 60529.**



Industry

High strength

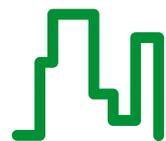
They are highly resistant to impacts and blows.
IK levels up to IK 10 according to IEC 62262.



Energy &
Infrastructure

Absolute convenience

Enclosures are available in diverse sizes and configurations.
They are easy to specify, purchase, and install.



Buildings

Enclosures for all needs

We have a wide range of enclosure systems to meet every possible need: **wall-mounting enclosures, floor-standing enclosures, industrial boxes, and ClimaSys thermal management.** It's everything you need to protect electric and electronic devices of all kinds.

Wall-mounting enclosures



Spacial CRN Steel enclosures



Spacial S3X Stainless steel enclosures



Thalassa PLM Polyester enclosures

Floor-standing enclosures



Spacial SF Floor-standing suitable



Spacial SM Floor-standing compact

Industrial Boxes



Thalassa TBS & TBP Insulated material

ClimaSys Thermal management



Filter fans and Outlets CV / CA



Resistance heaters - CR



Thermal control devices - CC

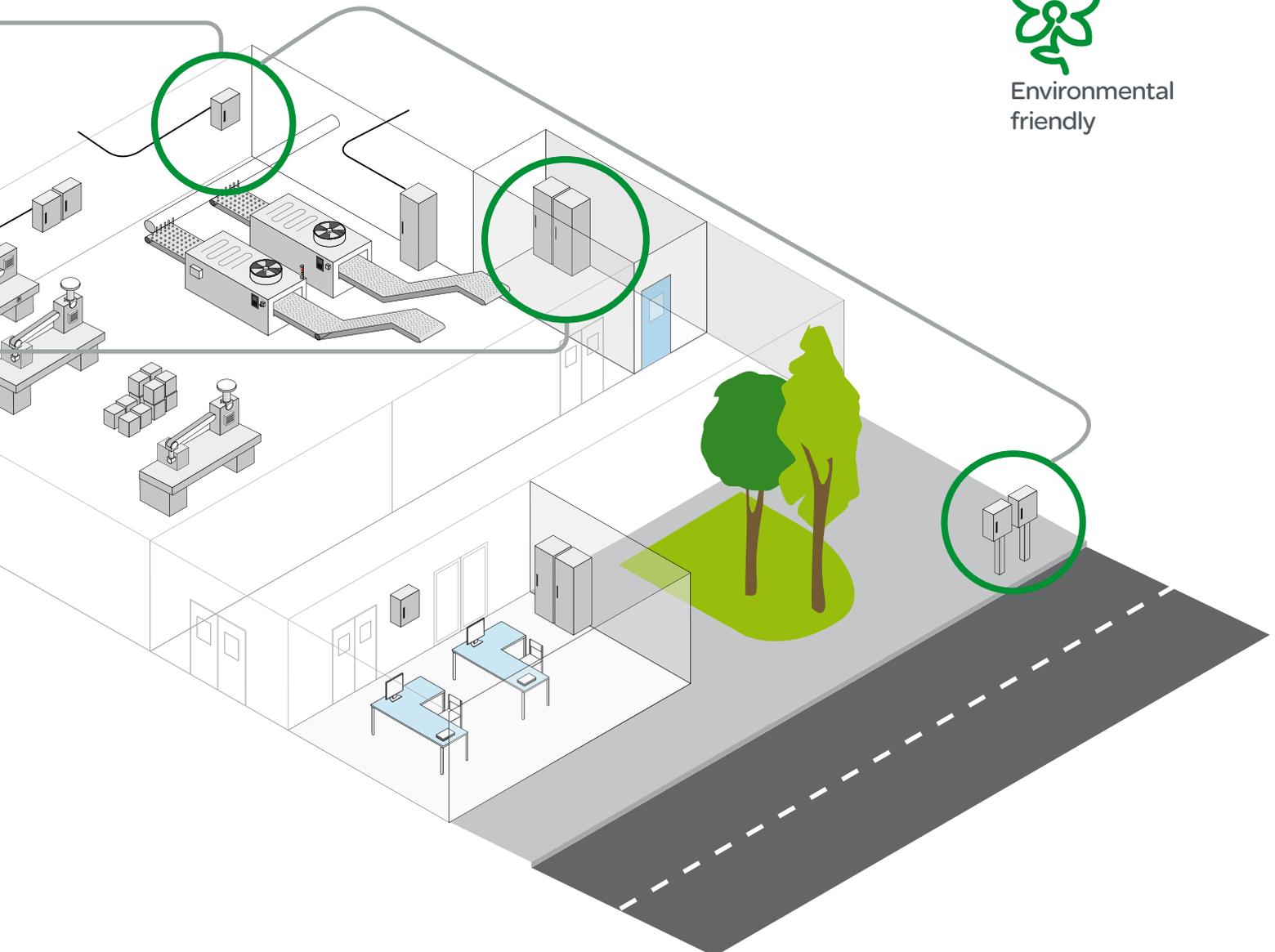
Quality is our specialty.

Quality standard

Our enclosures comply with international regulations and provide industry-leading quality. They comply with international quality standard IEC 62208 pertaining to enclosures for low-voltage switchgear and control gear assemblies.

Environmental friendly

To respect the environment, enclosures are constructed according to ROHS directive (Restricting the use of Hazardous Substances) and REACH regulation (Registration, Evaluation, Authorisation of Chemicals) of the European Union.



Environmental
friendly

Wall-mounting enclosures

High performance in demanding environments

Your ideal partner

Our multi-material ranges offer high performance in tough environments. We have a solution to your environmental requirements. Robustness is assured by the highest quality construction and materials. All your apparatus will be fully protected in our **IP 66 enclosures**.

Flexibility

Choose from a wide range of accessories, in mounting and cable management; each is developed to be shared across our portfolio of enclosures, thereby saving you time, money, and effort.



Multi-environmental

- Different materials to suit the widest range of environmental conditions.

High quality standards

- Robust construction and the finest materials produce a superior product.

Safety

- Our products meet stringent European safety standards.

IP 66 certified

- Assured water and dust tightness.

IK 10

- Resistance to impacts level.

Proven efficiency

- In automation and motor control applications.

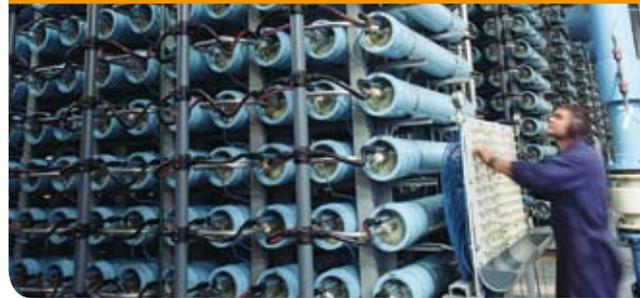
Steel enclosures



Stainless steel enclosures



Polyester enclosures



Complete
with our wide
accessories
offer

Three materials solutions

Select which best fits your application



Spacial CRN

Time saving and easy to equip

...with integrated cable gland and direct installation of the mounting plate.

Spacial CRN, suitable for any application:

- Indoors with harsh and dirty environments like machines, manufacturing plants, and logistic centers.



Machines



Industry



Spacial S3X

Durable and hygienic

...using highly resistant corrosion material with a perfect finish to reduce the risk of contamination.

Spacial S3X is commonly used in:

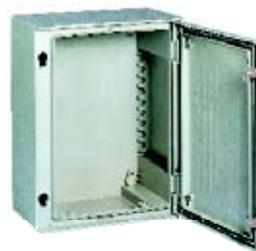
- Food and beverage and pharmaceutical where hard water cleaning capacity is required to prevent the growth of bacteria.
- Oil and Gas industries, for chemical resistance purpose.



Food & Beverage



Oil & Gas



Thalassa PLM

Safety and low maintenance

... thanks to its long lasting and completely insulated material construction (Class II).

Thalassa PLM shows high performance in:

- Outdoor applications such as road and train infrastructures, airports, and harbors including saline environments.
- A good choice for environments with acid or basic exposure where non-corrosive materials are required.



Desalination



Airport



No more drilling:

using micro-perforated mounting plates: Use self tapping screws for direct fixing of devices, rails, and cable fixings



Direct installation

of mounting plate using the four welded, 10-mm shouldered, back studs.



Efficient door cable

management: Installed on the door associated with Ø22 lights or push buttons!



A simple and ready to use cable entry to preserve **IP 65**.

Floor-standing steel enclosures

Ready to use



Spacial SF-SM: versatile, time saving, and efficient

Versatile

Spacial SF enclosures give you modularity, easy internal access, and an array of mounting options unlike any you have seen before. This first-on-the-market innovation lets you mount two doors on one profile and combine panels and doors just the way you want.

How do you want your installation mounted? The flexibility to choose is there.

Time saving

When it comes to assembly, enclosure and accessories must interact perfectly. There's no time to waste. Our fast assembly enclosures feature:

- Panels with captive screws for easy setup.
- New quick cross rail.
- Accessories fitted with self-tapping screws. No need for nuts.

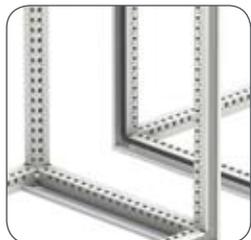
Efficient

A high-quality product designed to meet all your requirements and integrating years of research and technical innovation make the new **Spacial SF- SM** the world's most robust enclosure. With their innovative profile, **Spacial SF** suitable enclosures can take up to 1000 kg without buckling. Water and dust tightness level **IP 55** is guaranteed.

Do you want a ready-to-assemble enclosure? **Spacial SM is the answer!**



Save up to 25% installation time!



The built-in panels and the new double protection barrier when coupling two enclosures assures the IP level.



Handle supplied!



Mount two doors on the same upright with our new unique profile.



Many configurations available using **Spacial SF**.

Industrial boxes

Engineered for your workflow

Thalassa TBS & TBP Industrial boxes for wall installation or integration into industrial equipment

Two casing materials are available for optimal performance under different environmental conditions:

ABS Thermoplastic

For indoor applications and outdoor uses with no UV exposure.

Polycarbonate (PC)

Is the best outdoor solution for UV exposure, and it increases anti-shock protection.

Both materials are light and easily machinable.



One tool for everything. You just need a flat screwdriver to get the job done.



Adaptable

To fit a wide range of applications:

- Electrical distribution.
- Industrial automatism.
- Junctions.
- Electronics.

Easy installation

- Studs for fixing the equipment in the box body and cover.
- Three attachment options.

Protection

- Water and dust tightness: polyurethane seal assures **IP 66**.
- High impact resistance: **IK 07** (ABS) and **IK 08** (PC).

Quality

- **IEC 62208** certified by TÜV.

Environmental friendly

- Halogen-free plastic.

Accessories solutions

Productivity boosters

Are you mounting, cabling, earthing, or lighting the enclosure? You'll spend far less time performing these tasks.

Extensive choice

Our wide range of accessories offer you plenty of choice covering all your installation needs.

Efficiency

Let us help you be more efficient. Straightforward product selection, with the cross compatibility between our ranges, reduces effort, speeds ordering, and reduces stocking requirements.



Mounting
Mounting plates,
step slides



Cable management

Cable entries, cable gland plates



Power distribution

Modular chassis,
bus bars, and
blocks



Thermal Management

The easiest way to save money

We have the solution to help prevent component damage in the enclosures caused by extreme environmental conditions. Presenting our thermal management system: **ClimaSys.**

- Regulate temperatures to ensure correct operational temperature.
- Control humidity to remove risk of condensation.



Save money by increasing the uptime of your industrial processes and reduce breakdowns caused by severe environmental conditions. We know how to do it.

Reduce costly breakdowns

Filter fans and outlets CV / CA

If you need an air flow for your enclosure system, this is the answer. The high-quality and long-lasting materials of our CV filter fans and CA outlets guarantee the air flow cycle while assuring up to **IP 55**.



Resistance heaters – CR

Utmost reliability

CR resistance heaters ensure a minimum temperature and reduce the relative humidity inside the enclosure. Their small size and quick clip-in connection facilitate a simple and efficient installation.



Quick fixing:
The resistance heaters are fixed by means of fixing clips to a 35 mm DIN rail.

Thermal control devices – CC

Increase your energy efficiency

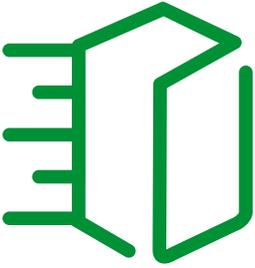
Reduce your energy and maintenance costs now. Our CC electronic thermal control devices regulate internal temperatures and humidity and record the data. Find possible temperature peaks and create statistics. It can be done with our advanced thermal control system.

- **Easy:** External LCD screen temperature reader and four possible fittings in the enclosure.
- **Efficiency:** Up to seven operational modes, LCD screen.

Mechanical thermostats are also available. Efficiency at an affordable price.

- Easily adjustable parameters
- Small size.
- Long-lasting materials.





Digital Rule

Easy and quick product selection software

Find the right enclosure and its accessories with no mistakes!

The dimension and reference selection is done automatically, saving you time and mistakes.

Track your products selection

With the shopping basket function.

Easy choice of thermal management devices

With the integrated thermal solution calculator. Find out your needs, according to your environmental situation.

Make the most of your energy

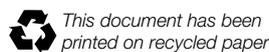
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