



**SAFYBOX**  
URIARTE GROUP

**CATALOGUE**

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## WHO WE ARE?



Uriarte SafyBox belongs to the Uriarte Enclosures Group, a multinational holding with production plants in Spain, Poland and Portugal and presence and certifications spread over 5 continents.

We are specialized in manufacturing polyester reinforced with fiberglass enclosures since 1972.

Non-metallic boxes and cabinets that provide the best protected space to any electrical, water, gas, telecommunications, renewable and underground infrastructures, ideal in the most demanding and aggressive environments.

## WHAT WE DO?

We offer 3 lines of business:

1. **Empty enclosure:** The widest range of boxes and cabinets on the market, leaders in the sector due to its character and original design.

We dominate the compression of thermosets (SMC/GPR) with 41 machines up to 1500 tons and the injection of plastics with 35 machines up to, 2,000 tons. We have a productive capacity of more than +10.000 pieces per day thanks to our automated plants updated to industry 4.0 and production systems update to the industry 4.0

2. **Customization:** Customized projects, fulfilling all your needs.

We mechanize any face of all our enclosures with 1 cutting robot in 5 sides, CNC machines and a center of cut by waterjet. In addition, we mark with laser your logo or bidi code permanently. Availability of our new 3D printing machine to complement the wide range of standard accessories.

3. **Full Solutions:** Your complete turnkey equipment with the support of our engineering and I+D department. We assemble all the components inside the enclosure for any project: Solar Sector, Utilities, Electric Vehicle, Railways, Airports, Industry, Street Lighting, etc.

We Are Enclosures: Above all, Our Team of People.

We want to enjoy every day at work and this is reflected in our relationship with our customers, partners and especially friends. Seriousness, honesty, and personalised attention... but always with a friendly smile.

Small details that make us unique.



## THE ADVANTAGES OF POLYESTER AND CERTIFICATIONS

The safety and long lifespan of the cabinets is our priority.

A Cabinet / Box that breaks over time can no longer perform the functions for which it was specified. The selection of proper product is therefore critical, do not overestimate this decision! Keep your customers and your reputation safe.

- The plastic expands and shrinks with changes in temperature and melts with fire.
- Metal is corrosive and conducts electricity.

Our material is non-corrosive, self-extinguishing and resistant to extreme temperatures. We offer an alternative to metal and plastic cabinets. The polyester cabinets reinforced with fiber glass made in the process of pressing in hot mold from SMC (Sheet Molding Compounds).

The European market has long appreciated the ability and ease of use of such cabinets and their advantages over metallic.

### THERMOPLASTIC

Vs

### THERMOSET

Polyester is a thermoset material

| RAW MATERIAL                               |                                                               |                             | METALIC ENCLOSURE                                                                   | NO POLYESTER ENCLOSURE                                                              | POLYESTER ENCLOSURE SAFYBOX |
|--------------------------------------------|---------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| <b>DOUBLE INSULATION</b>                   | Total protection                                              | Electrically Non-conductive | 1000 Vdc                                                                            | 1000 Vdc                                                                            | 1500 Vdc                    |
| <b>SELF EXTINGUISHING</b>                  | Does not feed flames and 100% halogen free.                   | 960 °C. GWFI                |  |  | 960°C                       |
| <b>AGGRESSIVE ENVIRONMENT RESISTANT UV</b> | resistant stable extreme temperature changes                  |                             | NO                                                                                  | NO                                                                                  | YES                         |
| <b>MAXIMUM DURABILITY</b>                  | Long Life standard use, Cero corrosion and chemical resistant |                             | <5 year                                                                             | <5 year                                                                             | >40 year                    |
| <b>ELECTROMAGNETIC COMPATIBILITY</b>       | Protecting electronics communications                         |                             | No                                                                                  | Yes                                                                                 | Yes                         |

#### Thermoplastics:

In the world of plastics, the thermoplastic family is a type of plastic that when is exposed to high temperatures deforms. It also melts down when is heated and hardens into a vitreous state when is cooled down.

Thermoplastics are polymers with a high molecular weight.

#### Thermosets:

Thermosetting plastics are generally stronger than thermoplastic materials due to the three-dimensional network of bonds (crosslinking), and are also better suited to high-temperature applications up to the decomposition temperature since they keep their shape as strong covalent bonds between polymer chains cannot be broken easily.



# Choose your degree of customization

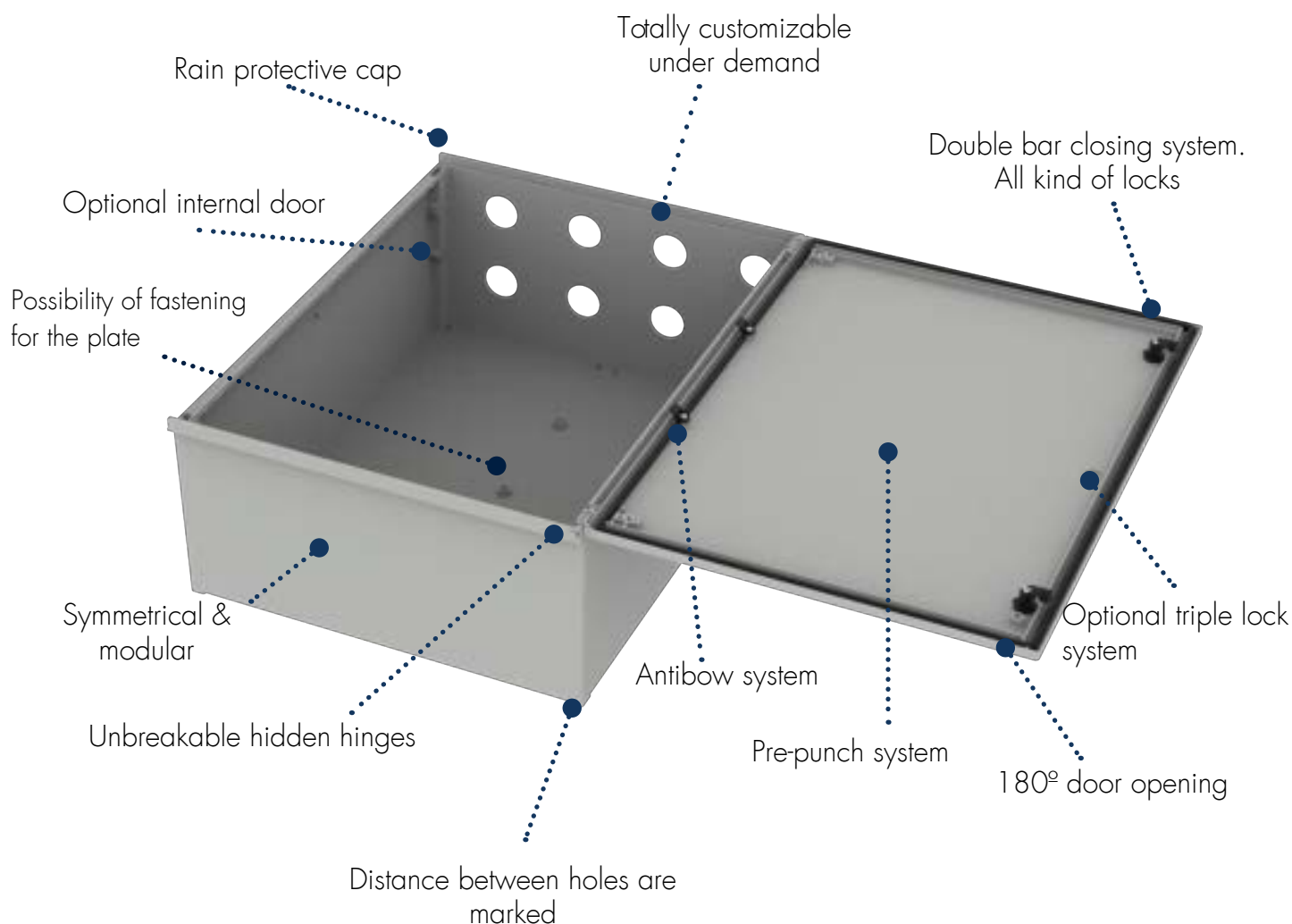


## SAFYBOX BRES: Monoblock industrial enclosure



### CHARACTERISTICS:

- Boxes and Cabinets made from fiberglass reinforced polyester, moulded by hot compression.
- Color Light Grey RAL 7035.
- Self-extinguishability: GWT 960° C. Halogen free. Double insulation. No electrical contact risks.
- Nominal voltage up to 1500 Vdc
- Degree of protection IP66 UNE 20324 (EN 60529).
- Certification of compliance IK10 with IEC62262 enclosure standard. Suitable for indoor or outdoor use.
- Large door opening (180°). Version with plain or glazed door.
- Anti-intruder hinges system.
- Customize service: color, machining, mounting, accessories, lacks, company logo.
- 2 locks with double bar insert or 1 lock with 3 action points and vandalism-proof.
- Version with metallic or polyester mounting plate.
- Light weight gives an easy installation. 40 years long life lasting without maintenance under standard environmental conditions.



### NON-METALLIC HINGES

Quick insertion without tools



### RAIN PROTECTION VISOR

Designed with a Visor or Canopy that protects the entrance of water inside the cabinet.



### MAXIMUM SEALING

The installer does not compromise the watertightness and maintains the IP66



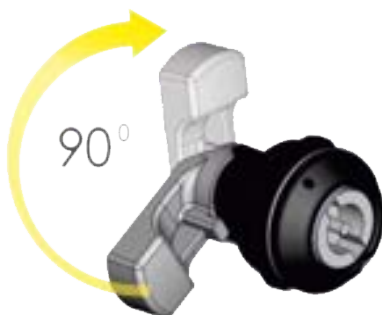
### ANTI-PINCH WEDGE SYSTEM

Designs with up to 3 or 4 pressure points on the doors.



### STANDARD DOUBLE BAR LATCH

It has a sealing system with thread.



### MODULARITY

The connecting flanges make it possible to join several enclosures vertically without losing their IP degree



### OPTIONAL TRIPLE LOCK

The inner side of the doors have a ZIG-ZAG design that provides greater mechanical resistance





## Standard cabinet

Includes: Empty cabinet + lag screws for wall mounting + double-bar lock + fixing screws for base plate.

| Reference   | Description                                | Height x Width x Depth (mm) | Weight (Kg) |
|-------------|--------------------------------------------|-----------------------------|-------------|
| BRES-325    | Empty standard enclosure 1 double-bar lock | 300 x 250 x 140             | 1,93        |
| BRES-43     | Empty standard enclosure 2 double-bar lock | 400 x 300 x 200             | 3,16        |
| BRES-44     | Empty standard enclosure 2 double-bar lock | 400 x 400 x 200             | 4,01        |
| BRES-54     | Empty standard enclosure 2 double-bar lock | 500 x 400 x 200             | 4,88        |
| BRES-64     | Empty standard enclosure 2 double-bar lock | 600 x 400 x 230             | 5,88        |
| BRES-65     | Empty standard enclosure 2 double-bar lock | 600 x 500 x 230             | 6,79        |
| BRES-83     | Empty standard enclosure 2 double-bar lock | 800 x 300 x 230             | 5,86        |
| BRES-86     | Empty standard enclosure 2 double-bar lock | 800 x 600 x 300             | 11,96       |
| BRES-812-2P | Empty standard enclosure 2 double-bar lock | 800x1211x300                | 26,5        |

## Glazed cabinet

Includes: Empty cabinet + lag screws for wall mounting + double-bar lock + fixing screws for base plate.

| Reference    | Description                           | Height x Width x Depth (mm) | Weight (Kg) |
|--------------|---------------------------------------|-----------------------------|-------------|
| BRES-325P    | Empty cabinet with transparent window | 300 x 250 x 140             | 1,93        |
| BRES-43P     | Empty cabinet with transparent window | 400 x 300 x 200             | 3,16        |
| BRES-44P     | Empty cabinet with transparent window | 400 x 400 x 200             | 4,01        |
| BRES-54P     | Empty cabinet with transparent window | 500 x 400 x 200             | 4,88        |
| BRES-64P     | Empty cabinet with transparent window | 600 x 400 x 230             | 5,88        |
| BRES-65P     | Empty cabinet with transparent window | 600 x 500 x 230             | 6,79        |
| BRES-83P     | Empty cabinet with transparent window | 800 x 300 x 230             | 5,86        |
| BRES-86P     | Empty cabinet with transparent window | 800 x 600 x 300             | 11,96       |
| BRES-812P-2P | Empty cabinet with transparent window | 800x1211x300                | 26,5        |







### Triple lock closing system cabinet

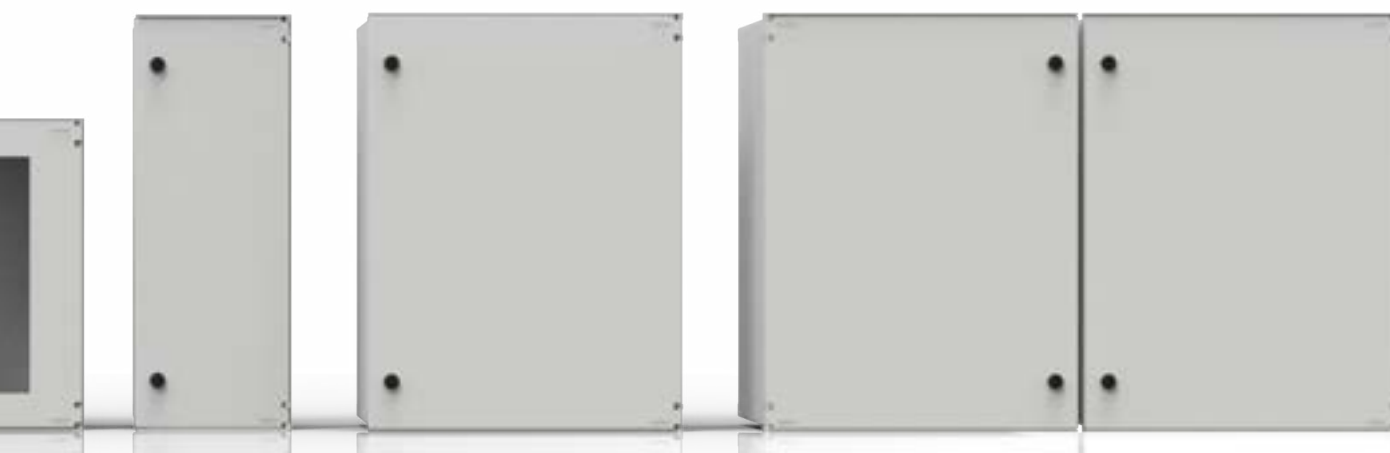
Includes: Empty cabinet + lag screws for wall mounting + triple locking handle with aluminum bolts and padlock device + fixing screws for base plate. Not included: European locking cylinder.

| Reference         | Description                                     | Height x Width x Depth (mm) | Weight (Kg) |
|-------------------|-------------------------------------------------|-----------------------------|-------------|
| BRES-43-3L-DC     | BRES empty cabinet with handle with triple lock | 400 x 300 x 200             | 3,16        |
| BRES-44-3L-DC     | BRES empty cabinet with handle with triple lock | 400 x 400 x 200             | 4,01        |
| BRES-54-3L-DC     | BRES empty cabinet with handle with triple lock | 500 x 400 x 200             | 4,88        |
| BRES-64-3L-DC     | BRES empty cabinet with handle with triple lock | 600 x 400 x 230             | 5,88        |
| BRES-65-3L-DC     | BRES empty cabinet with handle with triple lock | 600 x 500 x 230             | 6,79        |
| BRES-83-3L-DC     | BRES empty cabinet with handle with triple lock | 800 x 300 x 230             | 5,86        |
| BRES-86-3L-DC     | BRES empty cabinet with handle with triple lock | 800 x 600 x 300             | 11,96       |
| BRES-812-2P-3L-DC | BRES empty cabinet with handle with triple lock | 800x1211x300                | 26,5        |

### Triple lock closing system glazed cabinet

Includes: Empty cabinet + lag screws for wall mounting + triple locking handle with aluminum bolts and padlock device + fixing screws for base plate. Not included: European locking cylinder.

| Reference          | Description                                                | Height x Width x Depth (mm) | Weight (Kg) |
|--------------------|------------------------------------------------------------|-----------------------------|-------------|
| BRES-43P-3L-DC     | BRES empty cabinet with window and handle with triple lock | 400 x 300 x 200             | 3,16        |
| BRES-44P-3L-DC     | BRES empty cabinet with window and handle with triple lock | 400 x 400 x 200             | 4,01        |
| BRES-54P-3L-DC     | BRES empty cabinet with window and handle with triple lock | 500 x 400 x 200             | 4,88        |
| BRES-64P-3L-DC     | BRES empty cabinet with window and handle with triple lock | 600 x 400 x 230             | 5,88        |
| BRES-65P-3L-DC     | BRES empty cabinet with window and handle with triple lock | 600 x 500 x 230             | 6,79        |
| BRES-83P-3L-DC     | BRES empty cabinet with window and handle with triple lock | 800 x 300 x 230             | 5,86        |
| BRES-86P-3L-DC     | BRES empty cabinet with window and handle with triple lock | 800 x 600 x 300             | 11,96       |
| BRES-812P-2P-3L-DC | BRES empty cabinet with window and handle with triple lock | 800x1211x300                | 26,5        |



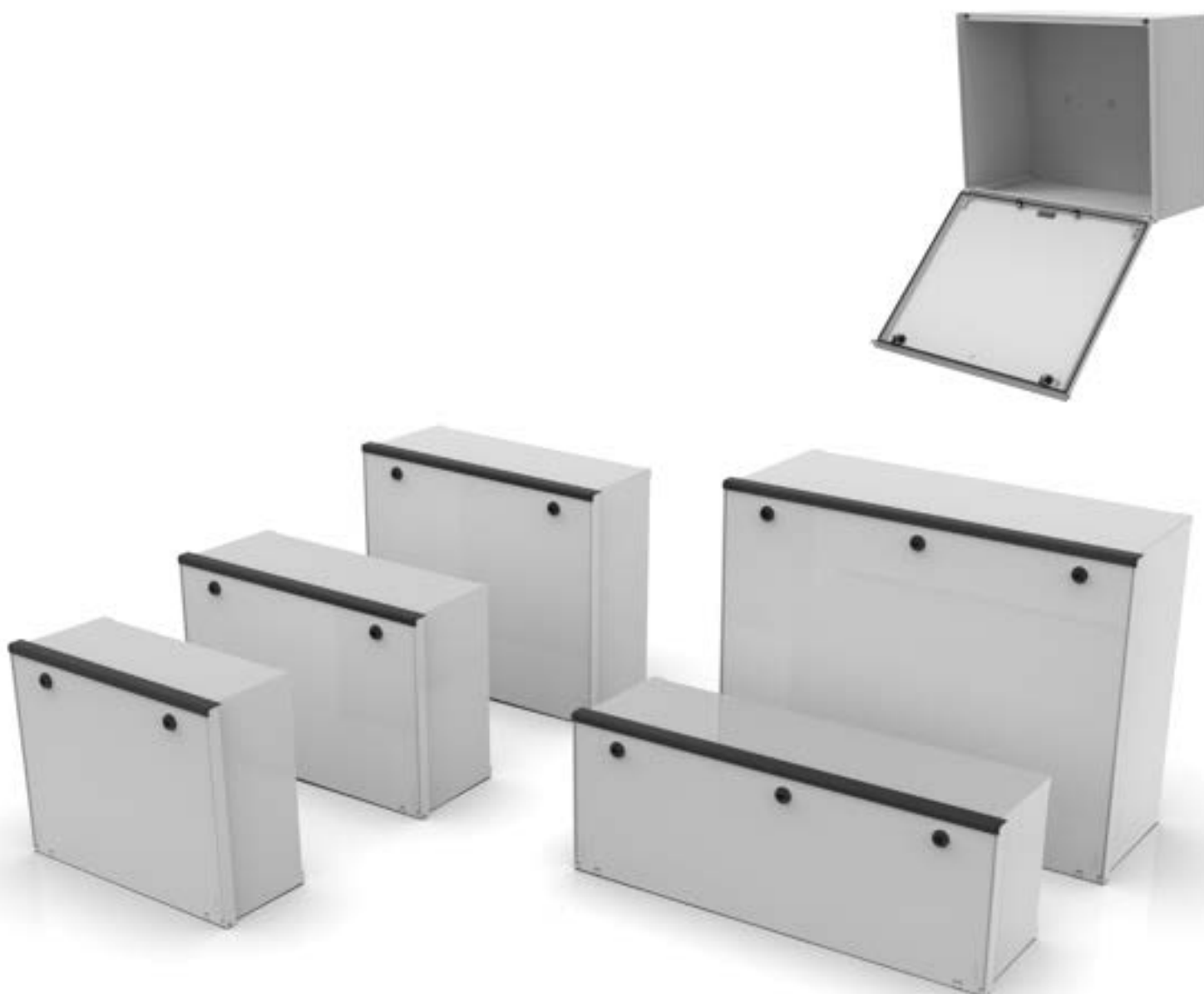




## Standard horizontal empty cabinet

Door opening downward

| Reference | Description                            | Height x Width x Depth (mm) | Weight (Kg) |
|-----------|----------------------------------------|-----------------------------|-------------|
| BRES-253  | BRES empty cabinet horizontal position | 250 X 300 X 140             | 1,93        |
| BRES-34   | BRES empty cabinet horizontal position | 300 X 400 X 200             | 3,16        |
| BRES-45   | BRES empty cabinet horizontal position | 400 X 500 X 200             | 5,80        |
| BRES-46   | BRES empty cabinet horizontal position | 400 X 600 X 230             | 7,60        |
| BRES-56   | BRES empty cabinet horizontal position | 500 X 600 X 230             | 8,40        |
| BRES-38   | BRES empty cabinet horizontal position | 300 X 800 X 230             | 5,86        |
| BRES-68   | BRES empty cabinet horizontal position | 600 X 800 X 300             | 13,70       |











## Polyester plates 4mm thick

BRES-65 + PBP-65

| Reference | Description                        |
|-----------|------------------------------------|
| PBP-325   | Insulating base plate for BRES-325 |
| PBP-43    | Insulating base plate for BRES-43  |
| PBP-44    | Insulating base plate for BRES-44  |
| PBP-54    | Insulating base plate for BRES-54  |
| PBP-64    | Insulating base plate for BRES-64  |
| PBP-65    | Insulating base plate for BRES-65  |
| PBP-83    | Insulating base plate for BRES-83  |
| PBP-86    | Insulating base plate for BRES-86  |



Tolerance:  $\pm 1.5$  mm



Tolerance:  $\pm 1.5$  mm

## Metallic plates 4mm thick

| Reference | Description                   |
|-----------|-------------------------------|
| PBM-325   | Metal base plate for BRES-325 |
| PBM-43    | Metal base plate for BRES-43  |
| PBM-44    | Metal base plate for BRES-44  |
| PBM-54    | Metal base plate for BRES-54  |
| PBM-64    | Metal base plate for BRES-64  |
| PBM-65    | Metal base plate for BRES-65  |
| PBM-83    | Metal base plate for BRES-83  |
| PBM-86    | Metal base plate for BRES-86  |

BRES-43 + PBM-43





## Chasis for breakers

| Reference | Description                                   |
|-----------|-----------------------------------------------|
| CHM-325   | Capacity for 20 modules, in BRES-325 (2 rows) |
| CHM-43    | Capacity for 24 modules, in BRES-43 (2 rows)  |
| CHM-44    | Capacity for 36 modules, in BRES-44 (2 rows)  |
| CHM-54    | Capacity for 54 modules, in BRES-54 (3 rows)  |
| CHM-64    | Capacity for 72 modules, in BRES-64 (4 rows)  |
| CHM-65    | Capacity for 96 modules, in BRES-65 (4 rows)  |
| CHM-83    | Capacity for 70 modules, in BRES-83 (5 rows)  |
| CHM-86    | Capacity for 145 modules, in BRES-86 (5 rows) |
| TEX-18-SP | 18 mm removable cover, for unused modules     |



BRES-64 + CHM-64

BRES-44 + CHM-44





## Internal door

| Reference | Description                          |
|-----------|--------------------------------------|
| PUI-325   | Polyester internal door for BRES-325 |
| PUI-43    | Polyester internal door for BRES-43  |
| PUI-44    | Polyester internal door for BRES-44  |
| PUI-54    | Polyester internal door for BRES-54  |
| PUI-64    | Polyester internal door for BRES-64  |
| PUI-65    | Polyester internal door for BRES-65  |
| PUI-83    | Polyester internal door for BRES-83  |
| PUI-86    | Polyester internal door for BRES-86  |



BRES-83 + PUI-83

BRES-44 + PUI-44

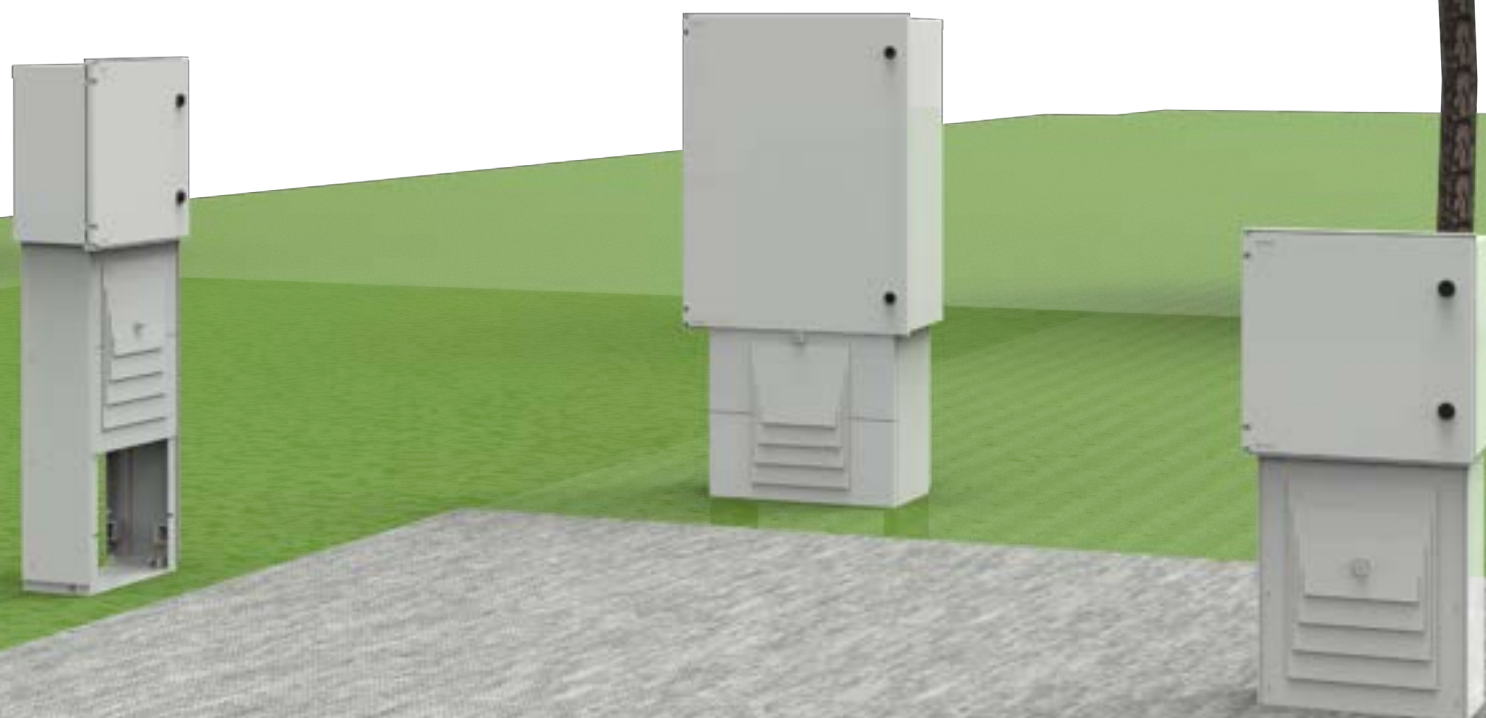
BRES-43 + PUI-43





## Pedestals

| Reference | Description           | Height x Width x Depth (mm) |
|-----------|-----------------------|-----------------------------|
| F0-44     | Pedestals for BRES-44 | 500 X 365 X 170             |
| F1-44     | Pedestals for BRES-44 | 750 X 365 X 170             |
| F2-44     | Pedestals for BRES-44 | 1000 X 365 X 170            |
| F0-54     | Pedestals for BRES-54 | 500 X 365 X 170             |
| F1-54     | Pedestals for BRES-54 | 750 X 365 X 170             |
| F2-54     | Pedestals for BRES-54 | 1000 X 365 X 170            |
| F0-64     | Pedestals for BRES-64 | 500 X 365 X 200             |
| F1-64     | Pedestals for BRES-64 | 750 X 365 X 200             |
| F2-64     | Pedestals for BRES-64 | 1000 X 365 X 200            |
| F0-65     | Pedestals for BRES-65 | 500 X 465 X 200             |
| F1-65     | Pedestals for BRES-65 | 750 X 465 X 200             |
| F2-65     | Pedestals for BRES-65 | 1000 X 465 X 200            |
| F0-86     | Pedestals for BRES-86 | 500 X 500 X 300             |
| F1-86     | Pedestals for BRES-86 | 750 X 500 X 300             |
| F2-86     | Pedestals for BRES-86 | 1000 X 500 X 300            |







## Lock systems

| Reference   | Description                          |
|-------------|--------------------------------------|
| CDB-10-SP   | Double-bar lock                      |
| CTR-11      | Triangular lock of 11 mm             |
| CML-12-SP   | Locking with manual handle and key   |
| CP-SL       | Manual locking without key           |
| CBC-13-IN   | Lock for padlocking, stainless steel |
| CBC-13      | Lock for padlocking, stainless steel |
| LLD-10-SP   | Double bar key                       |
| EJB-BRES-SP | Hinge shaft (2 pcs.)                 |



## Door retainers

| Reference      | Description                                                |
|----------------|------------------------------------------------------------|
| BO-BRES-RETENE | Retainers for the entire range of BRES cabinets. (2 units) |





## Connection flanges

| Reference    | Description                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------------------|
| UA-230X100   | VERTICAL connection flange on the top and bottom side for BRES-325 and BRES-43                                       |
| UA-350X150   | VERTICAL connection flange on the top and bottom side for BRES-44, BRES-54, BRES-64, BRES-65, BRES-83 and BRES-86    |
| UA-350X150-B | Connecting flange (HORIZONTAL+VERTICAL) for sidewalls for the sides for BRES-54, BRES-64, BRES-65, BRES-83 y BRES-86 |



## Door retainers

| Reference  | Description                             |
|------------|-----------------------------------------|
| BO-DV-M    | Ventilation devices . 2 unit            |
| BO-DV-G    | Big ventilation devices . 2 unit        |
| DV-IP66-SP | Big ventilation devices (IP66). 2 unit. |



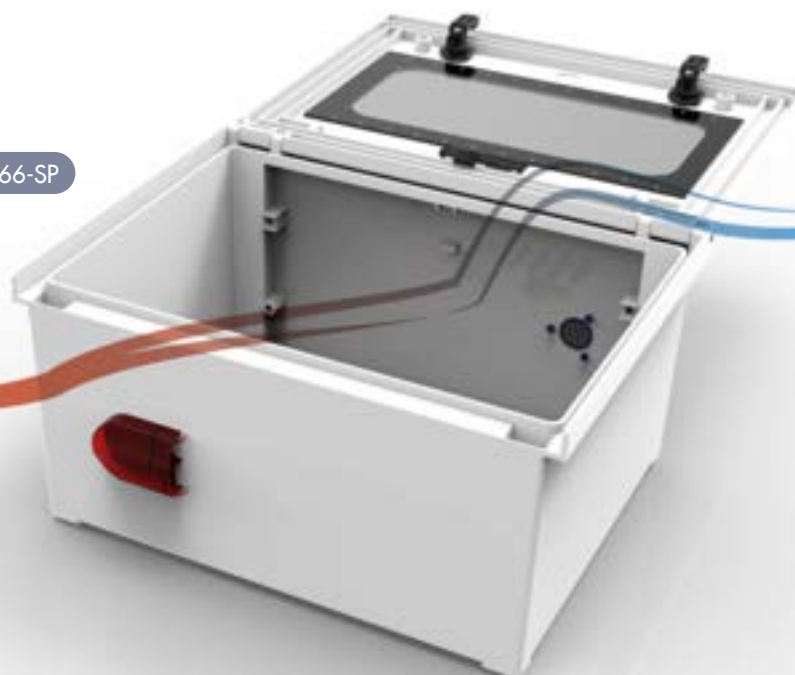
BO-DV-G



DV-IP66-SP



BO-DV-M





## Pole mounting brackets

| Reference        | Description                                                                       |
|------------------|-----------------------------------------------------------------------------------|
| BO-OFM-14        | Pole mounting brackets with inside fixing screw (set of 4 units)                  |
| BO-OFM-14-B      | Pole mounting brackets with external fixing screw (set of 4 units)                |
| BO-OFM-14-F      | Pole mounting brackets to SQUARE post by strap (set of 4 units)                   |
| BO-OFM-14-B44-86 | Wall mounting lug with external fixing screw (set of 4 units) BRES-44 and BRES-86 |

BO-OFM-14-B44-86



BO-OFM-14-B



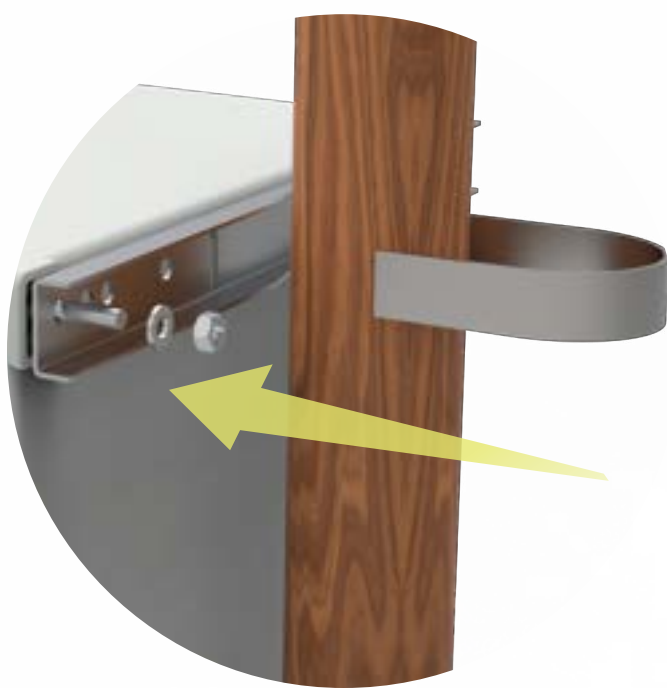
BO-OFM-14-F



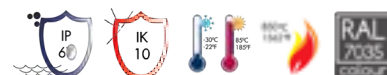
BO-OFM-14

## Pole mounting device

| Reference   | Description                                              |
|-------------|----------------------------------------------------------|
| SOP-POST-X3 | Round pole support for models BRES-325, BRES-43, BRES-83 |
| SOP-POST-X4 | Round pole support for models BRES-44, BRES-54, BRES-64  |
| SOP-POST-X5 | Round pole support for model BRES-65                     |
| SOP-POST-X6 | Round pole support for model BRES-86                     |



## SAFYBOX CA: GRP polyester monoblock industrial boxes



### CHARACTERISTICS:

- Polyester boxes for low voltage electrical panels.
- Color RAL7035 and double insulation IP67 IK10.
- Nominal voltage up to 1500 Vdc
- The range of CA boxes in glass reinforced polyester (GRP BOX) allows the connection to make large modular panels and meter boxes, according to the need of any installation.
- They are resistant to harsh chemicals and hygroscopic materials without absorbing water.
- Resistant to extreme temperatures  $<30^{\circ}\text{C}$  ,  $>85^{\circ}\text{C}$  thanks to the polyurethane gasket.
- Fire retardants, self-extinguishing, resistant to corrosion and external impacts.
- A large amount of fixing accessories completes our offer.

CA-43A



CA-63AS



CA-32





#### SEALABLE

The screws have the possibility of being sealed.



#### INJECTED GASKET

The gasket is injected by robot to avoid cuts or gaps that may compromise the IP protection.



#### TOTAL MODULARITY

Sides of the same number can be joined by means of connecting flanges, machined with a simple drill hole.



#### UV-RESISTANT POLYCARBONATE LIDS

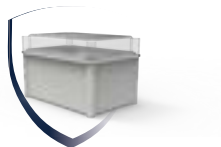
The same 125mm high body, but with different covers, provides multiple combinations to form the frame.



### Transparent & opaque cover

Includes: polyamide body, UV polycarbonate cover and rubber gasket. Also TFT-4000 locking screws; M6x10 screws for base plate. CA-1515, CA-215, CA-220 and CA-315 have a polycarbonate body.

| Transparent reference | Opaque reference | Height x Width x Depth (mm) | Weight (Kg) |
|-----------------------|------------------|-----------------------------|-------------|
| CA-1515               | CA-1515S         | 135 x 135 x 130             | 0,36        |
| CA-215                | CA-215S          | 180 x 135 x 130             | 0,41        |
| CA-220                | CA-220S          | 180 x 135 x 130             | 0,49        |
| CA-315                | CA-315S          | 270 x 135 x 130             | 0,53        |
| CA-32                 | CA-32S           | 270 x 180 x 170             | 1,21        |
| CA-33                 | CA-33S           | 270 x 270 x 170             | 1,53        |
| CA-42                 | CA-42S           | 360 x 180 x 170             | 1,32        |
| CA-43                 | CA-43S           | 360 x 270 x 170             | 1,77        |
| CA-43A                | CA-43AS          | 360 x 270 x 205             | 1,91        |
| CA-44                 | CA-44S           | 360 x 360 x 170             | 2,31        |
| CA-44A                | CA-44AS          | 360 x 360 x 205             | 2,42        |
| CA-63                 | CA-63S           | 540 x 270 x 170             | 2,78        |
| CA-63A                | CA-63AS          | 540 x 270 x 205             | 4,95        |
| CA-64                 | CA-64S           | 540 x 360 x 170             | 4,33        |
| CA-64A                | CA-64AS          | 540 x 360 x 205             | 4,06        |
| CA-66                 | CA-66S           | 540 x 540 x 170             | 5,57        |
| CA-66A                | CA-66AS          | 540 x 540 x 205             | 5,79        |
| CA-84A                | CA-84AS          | 720 x 360 x 205             | 5,49        |
| CA-86A                | CA-86AS          | 720 x 540 x 205             | 7,57        |



## Transparent and opaque covers

### Transparent reference

TT-1515-CJ

TT-215-CJ

TT-220-CJ

TT-315-CJ

TT-32-CJ

TT-33-CJ

TT-42-CJ

TT-43-CJ

TT-43A-CJ

TT-44-CJ

TT-44A-CJ

TT-63-CJ

TT-63A-CJ

TT-64-CJ

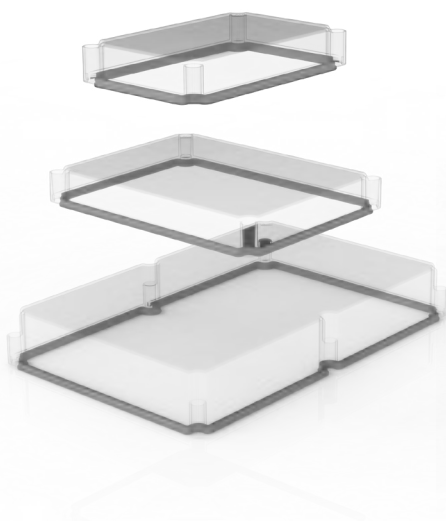
TT-64A-CJ

TT-66-CJ

TT-66A-CJ

TT-84A-CJ

TT-86A-CJ



### Opaque reference

TO-1515-CJ

TO-215-CJ

TO-220-CJ

TO-315-CJ

TO-32-CJ

TO-33-CJ

TO-42-CJ

TO-43-CJ

TO-43A-CJ

TO-44-CJ

TO-44A-CJ

TO-63-CJ

TO-63A-CJ

TO-64-CJ

TO-64A-CJ

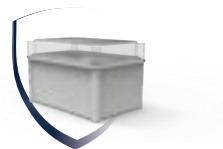
TO-66-CJ

TO-66A-CJ

TO-84A-CJ

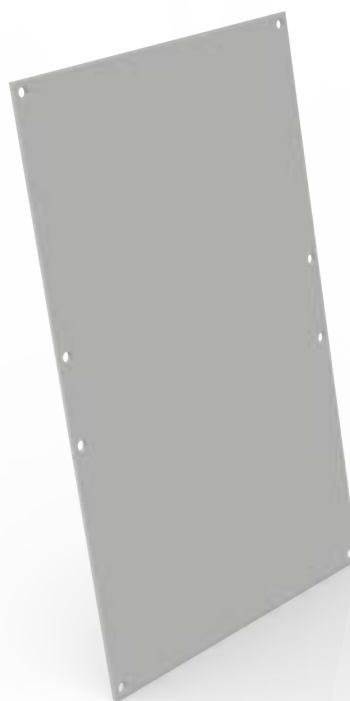
TO-86A-CJ





## Polyester base plates 4mm

| Reference | Description           |
|-----------|-----------------------|
| PP-1515   | Box plate for CA-1515 |
| PP-215    | Box plate for CA-215  |
| PP-220    | Box plate for CA-220  |
| PP-315    | Box plate for CA-315  |
| PP-32     | Box plate for CA-32   |
| PP-33     | Box plate for CA-33   |
| PP-42     | Box plate for CA-42   |
| PP-43     | Box plate for CA-43   |
| PP-44     | Box plate for CA-44   |
| PP-63     | Box plate for CA-63   |
| PP-64     | Box plate for CA-64   |
| PP-66     | Box plate for CA-66   |
| PP-84     | Box plate for CA-84   |
| PP-86     | Box plate for CA-86   |

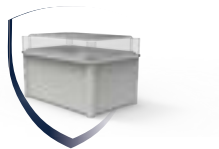


Tolerance:  $\pm 1.5$  mm

CA-64 + PP-64







## Flanges for standardized openings

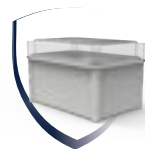
| Reference | Description                                            |
|-----------|--------------------------------------------------------|
| TC-02-CJ  | Sealing cover with gasket and screws for opening No. 2 |
| TC-03-CJ  | Sealing cover with gasket and screws for opening No. 3 |
| TC-04-CJ  | Sealing cover with gasket and screws for opening No. 4 |



## Door retainers

| Reference  | Description                      |
|------------|----------------------------------|
| BO-DV-M    | Ventilation devices. 2 unit      |
| BO-DV-G    | Big ventilation devices. 2 unit  |
| DV-IP66-SP | Big ventilation devices. 2 unit. |

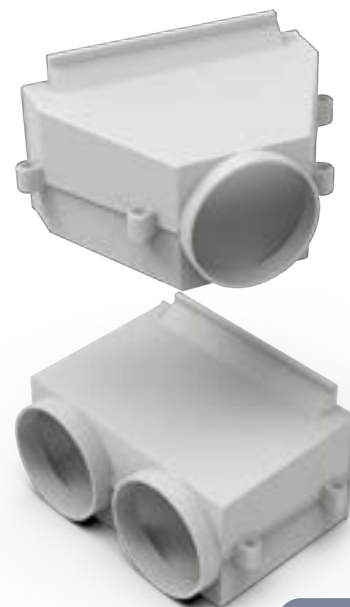




## Cable boxes

CCPS-03

| Reference | Description                                                        |
|-----------|--------------------------------------------------------------------|
| BPS-03    | Single split flange for opening No. 3                              |
| BPD-03    | Double split flange for opening No. 3                              |
| CC-03-CJ  | Blind cable box with gasket and hardware, for opening No. 3        |
| CC-04-CJ  | Blind cable box with gasket and hardware, for opening No. 4        |
| CCPD-03   | Double split cable box with gasket and hardware, for opening No. 3 |
| CCPS-03   | Double split cable box with gasket and hardware, for opening No. 3 |
| DON-45    | Shutter disc 4 outlets - 91 mm diameter                            |



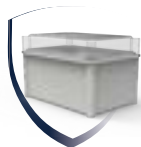
CCPD-03

CC-03-CJ

CC-04-CJ



DON-45



## Hinges

| Reference      | Description                                                  |
|----------------|--------------------------------------------------------------|
| BO-BRE-EXT-G   | Exterior rigid hinge (set of 2). Large. From CA-32 to CA-86A |
| BRI-INT-SP     | Inner rigid hinge (1 unit)                                   |
| BRI-INT-TOR-SP | Rigid inner brass hinge with screw fastening (1 unit)        |

BRI-INT-SP

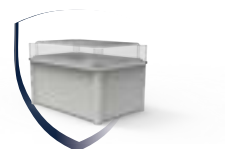


BRI-INT-TOR-SP



BO-BRE-EXT-G





## Flanges for standardized openings

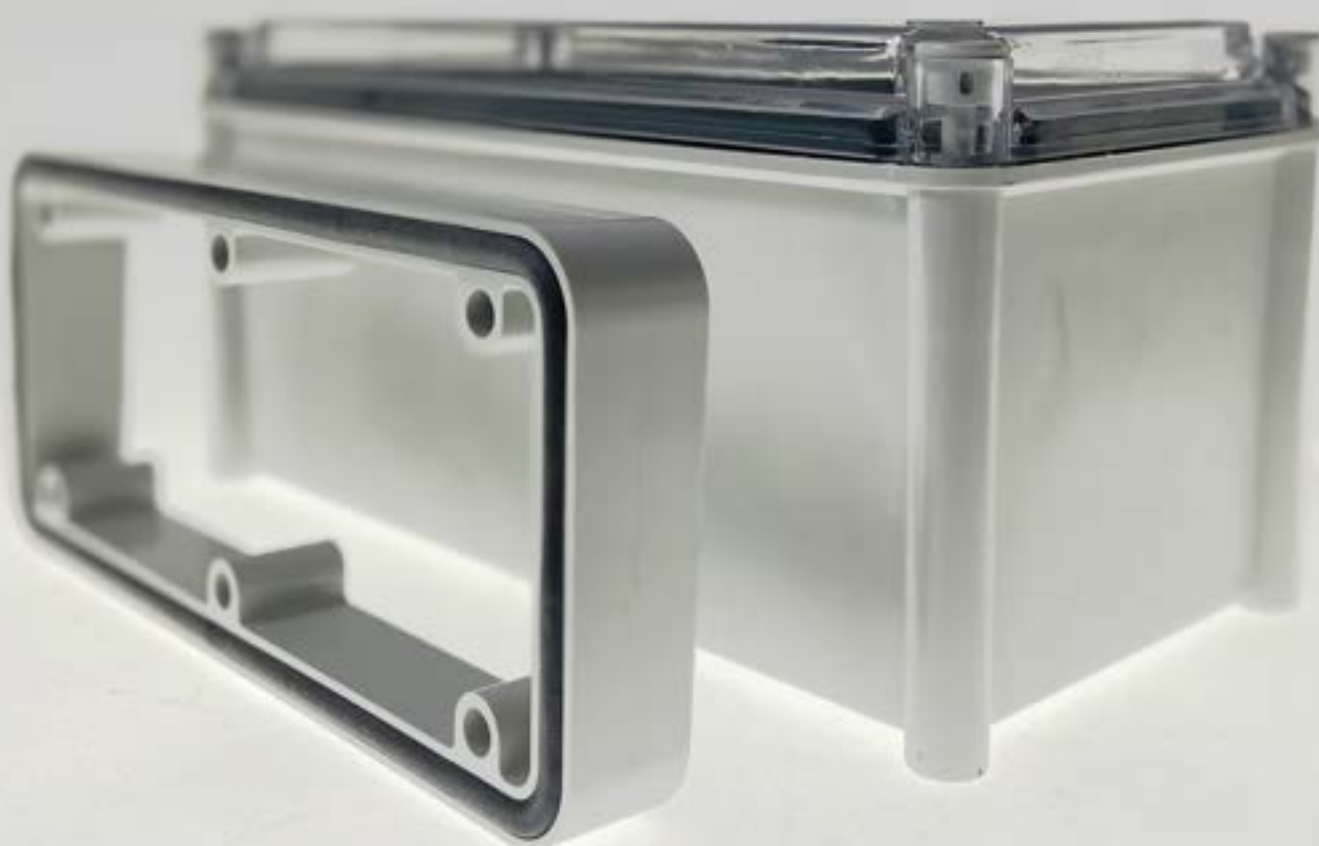
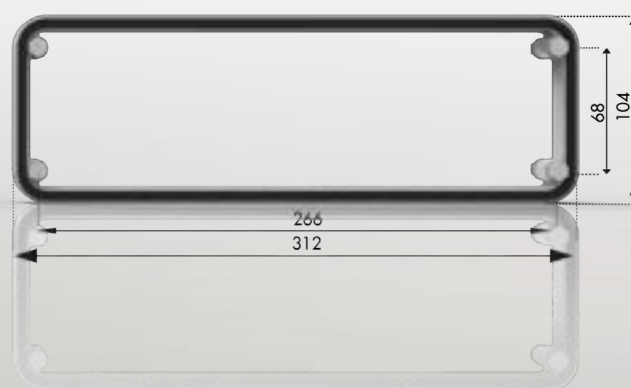
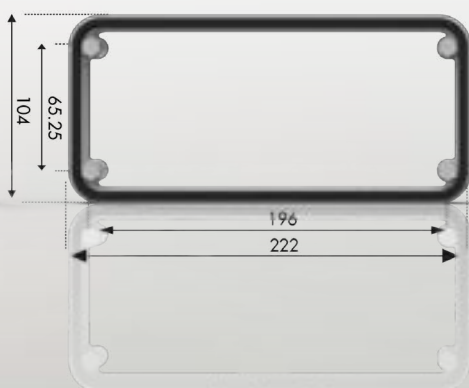
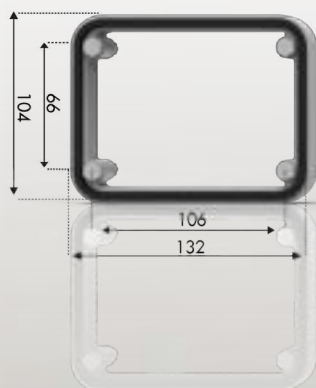
| Reference | Description                            |
|-----------|----------------------------------------|
| BA-20-CJ  | Coupling flange with gasket and bolts. |
| BA-30-CJ  | Coupling flange with gasket and bolts  |
| BA-40-CJ  | Coupling flange with gasket and bolts  |



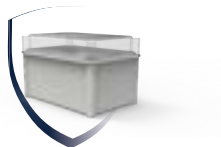
BA-20-CJ

BA-30-CJ

BA-40-CJ







| Reference    | Description                           |
|--------------|---------------------------------------|
| BO-OFC-400   | Set of 4 polyamide wall mounting lugs |
| BO-OFC-400-M | Set of 4 metal wall mounting lugs     |



BO-OFC-400

## Screws for boxes

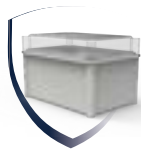
| Reference | Description                                   |
|-----------|-----------------------------------------------|
| TFT-4000  | Screw models CA-1515, CA-215, CA-220 & CA-315 |
| TFT-400   | Screw for other models. Screwdriver drive     |
| TFT-400-M | Screw for other models. Manual operation      |



TFT-400

TFT-400-M





## Peepholes

| Reference | Description                              |
|-----------|------------------------------------------|
| TR-4      | Frame with manhole cover (94x77x16 mm)   |
| TR-4A     | Frame with manhole cover (94x77x25 mm)   |
| TR-6      | Frame with manhole cover (130x77x16 mm)  |
| TR-6A     | Frame with manhole cover (130x77x25 mm)  |
| TR-8      | Frame with manhole cover (163x77x16 mm)  |
| TR-8A     | Frame with manhole cover (163x77x25 mm)  |
| TR-10     | Frame with manhole cover (200x77x16 mm)  |
| TR-10A    | Frame with manhole cover (200x77x25 mm)  |
| TR-12     | Frame with manhole cover (233x77x16 mm)  |
| TR-12A    | Frame with manhole cover (233x77x25 mm)  |
| TR-16     | Frame with manhole cover (165x195x13 mm) |
| TR-20-U   | Frame with manhole cover (205x158x15 mm) |
| TR-24     | Frame with manhole cover (233x196x13 mm) |





## Pole mounting device

| Reference   | Description                                              |
|-------------|----------------------------------------------------------|
| SOP-POST-X3 | Round pole support for models CA-32, CA-33, CA-43, CA-63 |
| SOP-POST-X4 | Round pole support for models CA-44, CA-64, CA-84A       |
| SOP-POST-X6 | Round pole support for model CA-66, CA-86A               |

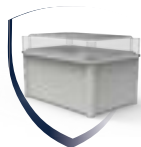


## Cable glands

| Reference | Metric | MIN | MAX | A  | B    | P1 | P2 |
|-----------|--------|-----|-----|----|------|----|----|
| PG-7      | M-12   | 2,5 | 6,5 | 9  | 12,5 | 16 | 19 |
| PG-9      | M-16   | 4,5 | 8   | 9  | 15,5 | 19 | 22 |
| PG-11     | M-20   | 5   | 10  | 9  | 18,6 | 22 | 24 |
| PG-13-5   | M-20   | 6   | 12  | 10 | 20,4 | 24 | 26 |
| PG-16     | M-25   | 7   | 14  | 10 | 22,5 | 27 | 30 |
| PG-21     | M-32   | 11  | 18  | 12 | 28,3 | 33 | 36 |
| PG-29     | M-32   | 17  | 25  | 13 | 37   | 42 | 46 |
| PG-36     | M-40   | 22  | 32  | 16 | 47   | 52 | 56 |
| PG-42     | M-50   | 26  | 39  | 17 | 54   | 60 | 65 |
| PG-48     | M-63   | 30  | 44  | 18 | 59,3 | 64 | 70 |







Empty boxes centralization series - IP41 and IK10.  
Modules for 3, 4 single-phase and 3 three-phase meters in line.

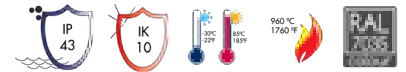
| Reference | Description          | Height x Width x Depth (mm) | Weight (Kg) |
|-----------|----------------------|-----------------------------|-------------|
| CA-4829   | Empty enclosure IP41 | 480 x 290 x 195             | 2,79        |
| CA-4840   | Empty enclosure IP41 | 480 x 405 x 195             | 3,62        |
| CA-5840   | Empty enclosure IP41 | 580 x 405 x 195             | 4,29        |
| CA-6340   | Empty enclosure IP41 | 630 x 405 x 195             | 4,72        |
| CA-6329   | Empty enclosure IP41 | 630 x 290 x 195             | 3,32        |







**SAFYBOX ART:** Outdoor cabinets with roof



**CHARACTERISTICS:**

- The ART presents a modern design, ideal for integration with urban areas.
- Made of polyester reinforced with fiber glass in light gray color RAL 7035.
- The ART is valued by its robustness, and resistance to vandalism and aggressive environments.
- Our ART is reinforced and manufactured with a higher thickness than other competitors, offering an impact resistance over IK10.
- Mounting on pedestal or directly on ground, for both, indoor and outdoor use.



#### WATER DRAINAGE CANOPY

Insulating and reinforced upper canopy, prevents water ingress



#### WALL THICKNESS

Our cabinet is reinforced and has a superior wall thickness



#### MODULARITY

The design allows to join cabinets vertically without the need of special parts.



#### STAGGERED DOOR

Doors with a staggered design that gives it an innovative and updated design.



#### PEDESTALS

For fastening to the ground or directly on concrete.



#### KIT

They can be supplied disassembled in KIT



#### TRIPLE CLOSING

Cabinets with triple closing



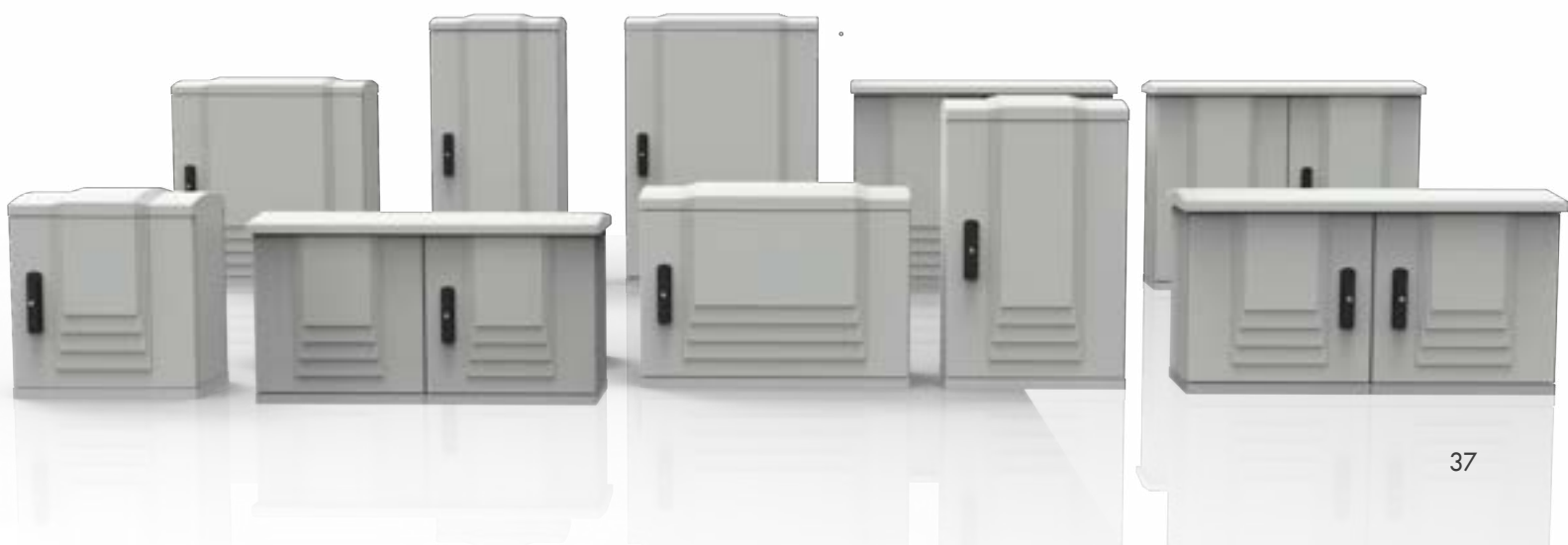




Outdoor IP43 enclosures, with conopy.

Includes: Assembled cabinet + Door with triangular handle lock and padlock + base plate fastening screws.

| Reference   | Description                                          | Height x Width x Depth (mm) | Weight (Kg) |
|-------------|------------------------------------------------------|-----------------------------|-------------|
| ART-55      | ART empty cabinet with triple locking handle         | 500 x 500 x 300             | 13,60       |
| ART-57      | ART empty cabinet with triple locking handle         | 500 x 750 x 300             | 17,00       |
| ART-75      | ART empty cabinet with triple locking handle         | 750 x 500 x 300             | 17,00       |
| ART-77      | ART empty cabinet with triple locking handle         | 750 x 750 x 300             | 22,00       |
| ART-105     | ART empty cabinet with triple locking handle         | 1000 x 500 x 300            | 19,00       |
| ART-107     | ART empty cabinet with triple locking handle         | 1000 x 750 x 300            | 27,00       |
| ART-1010-2P | Empty cabinet with 2 doors and triple locking system | 1000 x 1000 x 300           | 43,00       |
| ART-710-2P  | Empty cabinet with 2 doors and triple locking system | 750 x 1000 x 300            | 39,00       |
| ART-510-2P  | Empty cabinet with 2 doors and triple locking system | 500 x 1000 x 300            | 32,20       |





## Polyester mounting plate 4mm

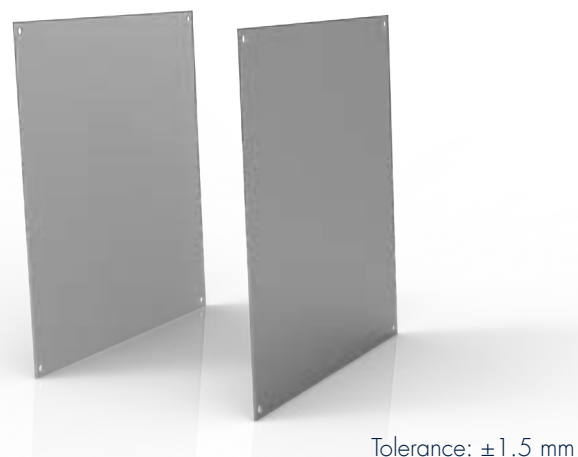
| Reference | Description                         |
|-----------|-------------------------------------|
| PMP-55    | Polyester plate for ART-55 cabinet  |
| PMP-57    | Polyester plate for ART-57 cabinet  |
| PMP-75    | Polyester plate for ART-75 cabinet  |
| PMP-77    | Polyester plate for ART-77 cabinet  |
| PMP-105   | Polyester plate for ART-105 cabinet |
| PMP-107   | Polyester plate for ART-107 cabinet |



Tolerance:  $\pm 1.5$  mm

## Metal mounting plate 2mm

| Reference | Description                     |
|-----------|---------------------------------|
| PMM-55    | Metal plate for ART-55 cabinet  |
| PMM-57    | Metal plate for ART-57 cabinet  |
| PMM-75    | Metal plate for ART-75 cabinet  |
| PMM-77    | Metal plate for ART-77 cabinet  |
| PMM-105   | Metal plate for ART-105 cabinet |
| PMM-107   | Metal plate for ART-107 cabinet |





## Polyester plinth for ART cabinets

| Reference | Description                            | Height x Width x Depth (mm) |
|-----------|----------------------------------------|-----------------------------|
| F1-500    | For ART-55, ART-75 and ART-105 cabinet | 500x750x300                 |
| F2-500    | For ART-55, ART-75 and ART-105 cabinet | 500x1000x300                |
| F1-750    | For ART-57, ART-77 and ART-107 cabinet | 750x750x300                 |
| F2-750    | For ART-57, ART-77 and ART-107 cabinet | 750x1000x300                |



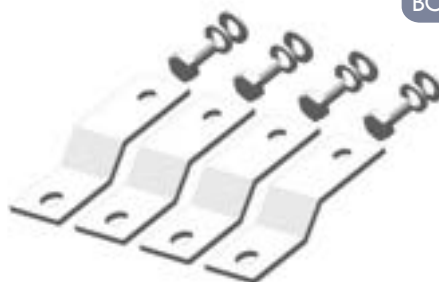


## Post supports and metal lugs

| Reference | Description |
|-----------|-------------|
|-----------|-------------|

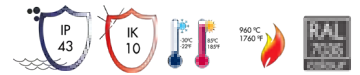
|           |                             |
|-----------|-----------------------------|
| BO-OF-ART | Set of metal lugs (4 units) |
|-----------|-----------------------------|

BO-OF-ART





**SAFYBOX APM:** Flush mounting cabinets for meters and protection fuses.



**CHARACTERISTICS:**

- Flush mounting cabinet. It can be installed on wall anchor brackets fixed on the corners of the cabinet.
- APM cabinet is designed with reinforcement ribs to prevent its deformation when flush mounting.
- This cabinet is modular. It allows compiling 2-3 cabinets ensuring the IP43 degree.
- UV resistant window display, locks, shutter bolts and non metallic hinges.
- Wide range of accessories such as pole mounting system, underground pedestals, ventilation devices...



#### REINFORCED CABINET

It has a higher wall thickness



#### QUARTER-TURN LOCKING

No metal parts



#### CLOSING

The standard is supplied with a simple 1-point locking system, but a 3-point system with espagnolette bolts can be used.



#### STAGGERED DOOR

Reinforces the door, giving it greater resistance to impact.



#### NON-METALLIC HINGES

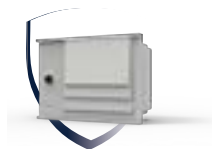
Easy assembly and disassembly.



#### SLIDING FRONT

Allows for greater convenience when wiring the equipment.





## REINFORCED FLUSH-MOUNTED CABINET

### Protection and measurement cabinets

| Reference    | Description                               | Height x Width x Depth (mm) | Weight (Kg) |
|--------------|-------------------------------------------|-----------------------------|-------------|
| APM-0        | Blind door.1 locking point                | 450 X 330 X 210             | 4,33        |
| APM-0-C      | Blind door.3 locking points               | 450 X 330 X 210             | 4,53        |
| APM-0-1ML-C  | 1 round sight glass. 3 locking points     | 450 X 330 X 210             | 4,53        |
| AL-APM-0-1ML | 1 rectangular sight glass.1 locking point | 450 X 330 X 210             | 3,63        |
| APM-1        | Blind door.1 locking point                | 479 X 326 X 180             | 7,00        |
| APM-1-C      | Blind door.3 locking points               | 535 X 520 X 220             | 7,15        |
| APM-1-1ML-C  | 1 round sight glass. 3 locking points     | 535 X 520 X 220             | 7,15        |
| APM-2        | Blind door.1 locking point                | 535 X 520 X 220             | 10,30       |
| APM-2-C      | Blind door.3 locking points               | 535 X 520 X 220             | 10,50       |
| APM-2-2ML-C  | 2 rounds sight glasses. 3 locking points  | 700 X 520 X 220             | 10,50       |





## SAFYBOX WATER

| Reference     | Description                                              | Height x Width x Depth (mm) | Weight (Kg) |
|---------------|----------------------------------------------------------|-----------------------------|-------------|
| H2O-0-T       | Empty cabinet with TRIANGULAR locking system             | 450 X 330 X 210             | 4,33        |
| H2O-1-T       | Empty cabinet with TRIANGULAR locking system             | 535 X 520 X 220             | 7,00        |
| H2O-2-T       | Empty cabinet with TRIANGULAR locking system             | 700 X 520 X 220             | 10,27       |
| H2O-0-C       | Empty cabinet with SQUARE locking system                 | 450 X 330 X 210             | 4,33        |
| H2O-1-C       | Empty cabinet with SQUARE locking system                 | 535 X 520 X 220             | 7,00        |
| H2O-2-C       | Empty cabinet with SQUARE locking system                 | 700 X 520 X 220             | 10,27       |
| H2O-0-A       | Empty cabinet with ALLEN screw lock                      | 450 X 330 X 210             | 4,33        |
| H2O-1-A       | Empty cabinet with ALLEN screw lock                      | 535 X 520 X 220             | 7,00        |
| H2O-0-T-1ML   | Empty cabinet 1 peephole with TRIANGULAR locking system  | 450 X 330 X 210             | 4,33        |
| H2O-0-A-1ML   | Empty cabinet 1 peephole with ALLEN screw locking system | 450 X 330 X 210             | 4,33        |
| H2O-0-EMASESA | Empty cabinet 1 peephole with TRIANGULAR lock EMASESA    | 450 X 330 X 210             | 4,33        |
| H2O-2-EMASESA | Empty cabinet 1 peephole with TRIANGULAR lock EMASESA    | 700 X 520 X 220             | 10,27       |

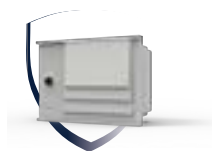
H2O-0-A



H2O-1-T







## SAFYBOX WATER

| Reference    | Description                                                            | Height x Width x Depth (mm) | Weight |
|--------------|------------------------------------------------------------------------|-----------------------------|--------|
| H2O-AL-T     | Empty polyamide cabinet with TRIANGULAR locking system                 | 450 X 300 X 120             | 2,40   |
| H2O-AL-1ML-T | Empty polyamide cabinet with 1 peephole with TRIANGULAR locking system | 450 X 300 X 120             | 240    |



H2O-AL-T



H2O-AL-1ML-T

| Reference     | Description                     | Height x Width x Depth (mm) | Weight |
|---------------|---------------------------------|-----------------------------|--------|
| H2O-0-CANAL-P | Model A-1. Counter of 13 and 20 | 450 X 330 X 210             | 4,33   |



H2O-0-CANAL-P



## SAFYBOX WATER

| Reference       | Description                  | Height x Width x Depth (mm) | Weight |
|-----------------|------------------------------|-----------------------------|--------|
| H2O-2-CANAL-P   | Model A-2. Counter 30 and 40 | 700 X 520 X 300             | 10,27  |
| ART-75-2CANAL-P | Model A-3. Counter 50 and    | 1000 X 750 X 300            | 25,00  |



H2O-2-CANALP



ART-75-2CANAL-P

| Reference  | Connection             | Height x Width x Depth (mm) |
|------------|------------------------|-----------------------------|
| H2O-0-CL   | Connection 15mm        | 450 X 330 X 220             |
| H2O-2-CL   | Connection 20mm        | 700 X 570 X 220             |
| ART-55-2-C | Connection 25-30-40mm  | 500 X 1000X 320             |
| ART-75-2-C | Connection 50 and 65mm | 750 x 1000 x 320            |

ART-55-2C

ART-75-2-C





## SAFYBOX GAS

| Reference    | Description                                     | Height x Width x Depth (mm) | Weight |
|--------------|-------------------------------------------------|-----------------------------|--------|
| GAS-OV-C     | Empty cabinet for 1 subscriber                  | 350 X 480 X 192             | 4,33   |
| GAS-OV-1ML-C | Empty cabinet with 1 peephole for 1 subscriber  | 350 X 480 X 192             | 4,29   |
| GAS-1        | Empty cabinet for 1 subscriber                  | 535 X 520 X 220             | 7,00   |
| GAS-1-1ML    | Empty cabinet with 1 peephole for 1 subscribers | 535 X 520 X 220             | 7,00   |
| GAS-2        | Empty cabinet for 2 subscribers                 | 700 X 520 X 220             | 10,30  |
| GAS-2-2ML    | Empty cabinet with 2 peephole for 2 subscribers | 700 X 520 X 220             | 10,30  |

GAS 1



GAS 2



GAS-OV-C

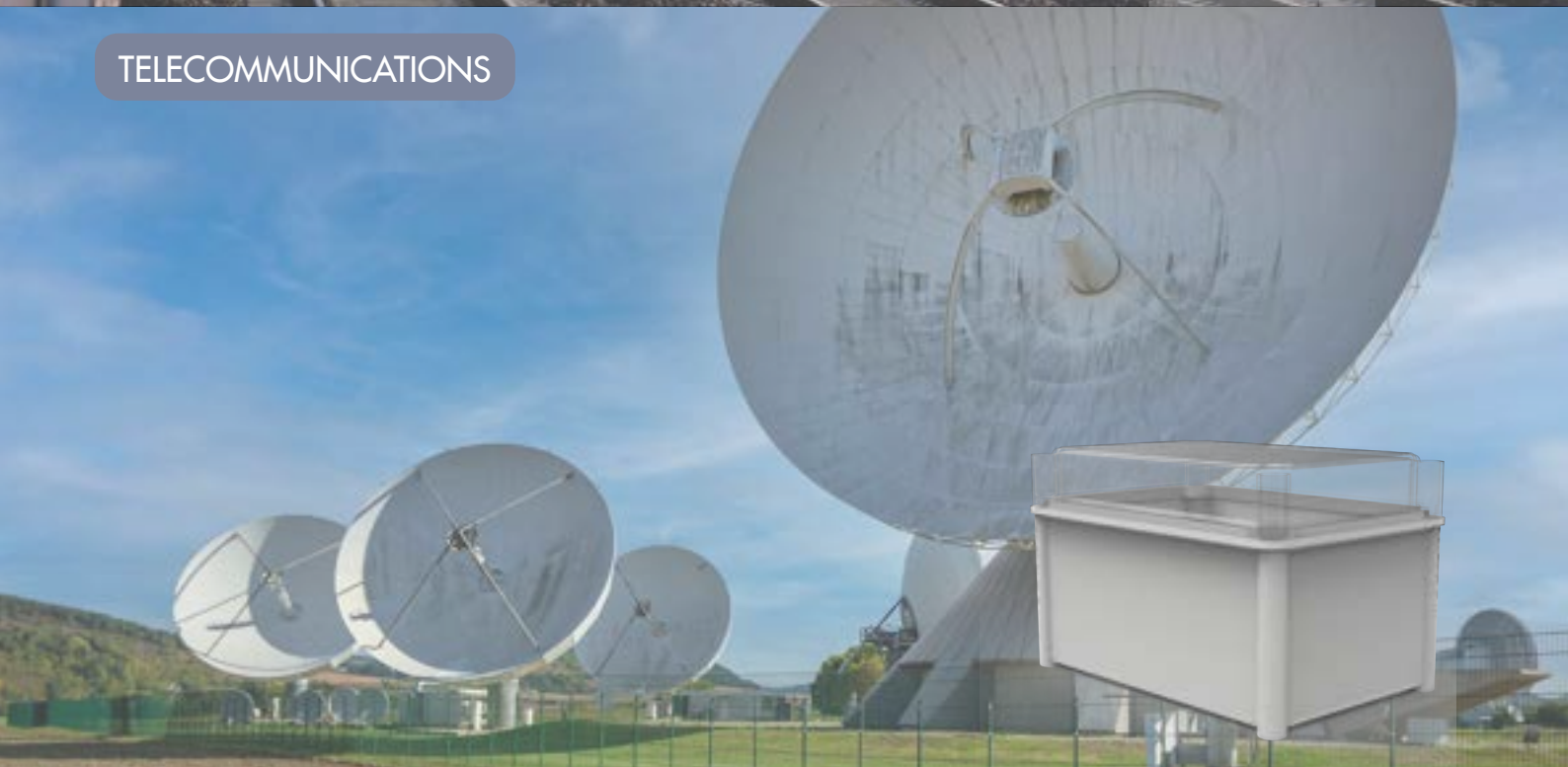




## RAILWAYS



## TELECOMMUNICATIONS



## GAS





PHOTOVOLTAIC



ELECTRIC



WATER



## **COMPETITIVE ADVANTAGES**

Delivery date

Flexibility

High Manufacturing Capacity (+10.000 pieces per day)

High quality raw material

R&D and Quality Control Department

Technical support

Customisation

Customer loyalty





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