WORKSHOP SPECIFICATIONS

XL³ S 630

DISTRIBUTION ENCLOSURES

THE **GLOBAL SPECIALIST** IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURE

legrand®

XL³ S 630, is designed for home, commercial buildings. This enclosures range is dedicated to flow markets , standard projects and especially for panel builders.

A wide selection was engineered for your needs: 11 different heights, available in four widths corresponding to 16, 24 and 36 modules and external cable sleeves.

Fixing accessories for protection devices, doors and panels are delivered separately.

Thanks to a wide variety of accessories, multiple mounting possibilities exist for all dimensions.

With the help of vertical and horizontal adapted busbar systems, XL³ S 630 was designed to facilitate wiring and connection installation.

Particular attention must be paid on presentation pictures that do not include personal protective equipment (PPE). PPE are legal and regulatory obligations.

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TABLE OF CONTENTS

XL³ S 630 RANGE

XL³ S 630 enclosures enable to achieve your projects suitable to your environments.

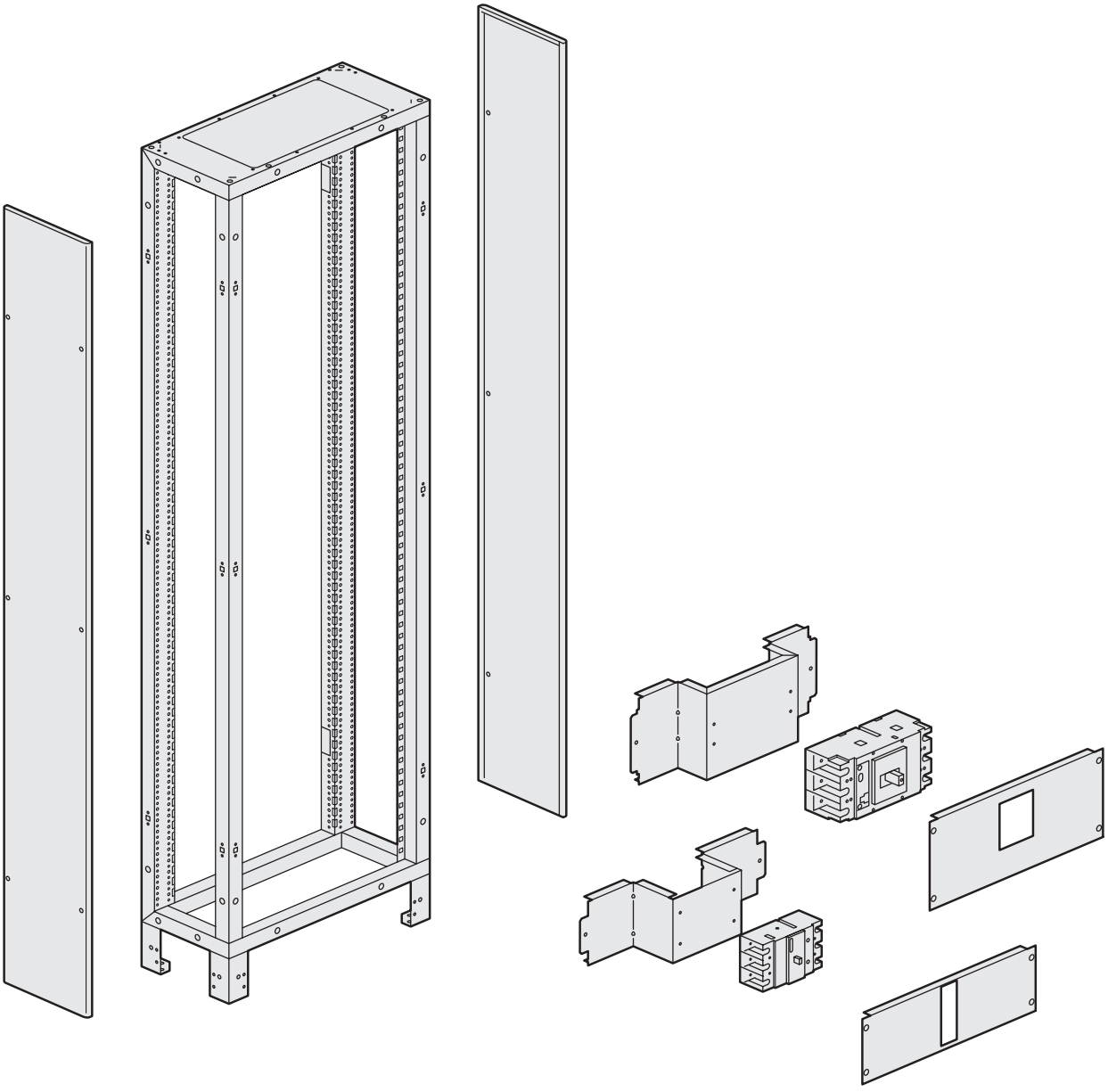
CHARACTERISTICS

- **Class I metallic cabinet**
- **Short-circuits resistance Ipk : 76,6 kA, Icc : 36 kA**
- **IP 30 without door, IP 40 door, IP 43 with a special seal**
- **IK 07 without door, IK 08 door**
- **Conform to IEC 61439-2 standard**
- **Can accept devices up to 630 A**
- **Colors : Body RAL 7016**
  Faceplates and doors RAL 9003
- **Rated insulation voltage (Ui) : 690 V**
- **Rated impulse - withstand voltage (Uimp) : 6 kV**
- **Temperature range : -5°C à +40°C**
- **Storage temperature : -10°C à +70°C**
- **Sheet thickness : 1,5 mm**
- **Panel and door thickness: 1.5 mm**
- **Thickness of structure upright: 2 mm**

PRODUCT SELECTION

XL³ S 630 is composed of cabinets and enclosures available in 11 heights (multiples of 150 mm), in four different widths 16, 24, 36 modules and clable sleeves.

Possibility to choose a special colour from a panel of 197 shades: RAL only possible on metal parts. For any request about technical possibilities and extra costs, please contact the technical support: support-technique-edia.fr-lgs@legrand.fr



XL³ S 630 RANGE

XL³ S 630 RANGE

16 MODULES PER ROW											
Height (mm)	**H 750**	**H 900**	**H 1050**	**H 1200**	**H 1350**	**H 1500**	**H1650**	**H 1800**	**H 1950**	**H 2100**	**H 2250**
Enclosures	3 375 21	3 375 31	3 375 41	3 375 51	3 375 61	3 375 71	3 375 81	3 375 91	3 376 01	3 376 11	3 376 21
Metal door	3 376 41	3 376 51	3 376 61	3 376 71	3 376 81	3 376 91	3 377 01	3 377 11	3 377 21	3 377 31	3 377 41
Glass door	3 377 51	3 377 61	3 377 71	3 377 81	3 377 91	3 378 01	3 378 11	3 378 21	3 378 31	3 378 41	3 378 51
Side panels	3 378 62	3 378 63	3 378 64	3 378 65	3 378 66	3 378 67	3 378 68	3 378 69	3 378 70	3 378 71	3 378 72
Finishing kit	3 379 72+ 3 379 60	3 379 72+ 3 379 61	3 379 72+ 3 379 62	3 379 72+ 3 379 63	3 379 72+ 3 379 64	3 379 72+ 3 379 65	3 379 72+ 3 379 66	3 379 72+ 3 379 67	3 379 72+ 3 379 68	3 379 72+ 3 379 69	3 379 72+ 3 379 70

24 MODULES PER ROW											
Height (mm)	**H 750**	**H 900**	**H 1050**	**H 1200**	**H 1350**	**H 1500**	**H1650**	**H 1800**	**H 1950**	**H 2100**	**H 2250**
Enclosures	3 375 22	3 375 32	3 375 42	3 375 52	3 375 62	3 375 72	3 375 82	3 375 92	3 376 02	3 376 12	3 376 22
Metal door	3 376 42	3 376 52	3 376 62	3 376 72	3 376 82	3 376 92	3 377 02	3 377 12	3 377 22	3 377 32	3 377 42
Glass door	3 377 52	3 377 62	3 377 72	3 377 82	3 377 92	3 378 02	3 378 12	3 378 22	3 378 32	3 378 42	3 378 52
Side panels	3 378 62	3 378 63	3 378 64	3 378 65	3 378 66	3 378 67	3 378 68	3 378 69	3 378 70	3 378 71	3 378 72
Finishing kit	3 379 73 + 3 379 60	3 379 73 + 3 379 61	33 79 73 + 3 379 62	3 379 73 + 3 379 63	3 379 73 + 3 379 64	3 379 73 + 3 379 65	3 379 73 + 3 379 66	3 379 73 + 3 379 67	3 379 73 + 3 379 68	3 379 73 + 3 379 69	3 379 73 + 3 379 70

SOMMAIRE

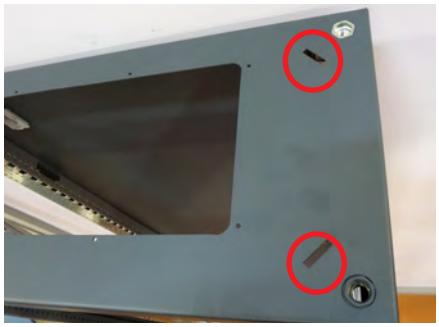
36 MODULES PER ROW											
Height (mm)	H 750	H 900	H 1050	H 1200	H 1350	H 1500	H 1650	H 1800	H 1950	H 2100	H 2250
Enclosures	3 375 23	3 375 33	3 375 43	3 375 53	3 375 63	3 375 73	3 375 83	3 375 93	3 376 03	3 376 13	3 376 23
Metal door	3 376 43	3 376 53	3 376 63	3 376 73	3 376 83	3 376 93	3 377 03	3 377 13	3 377 23	3 377 33	3 377 43
Glass door	3 377 53	3 377 63	3 377 73	3 377 83	3 377 93	3 378 03	3 378 13	3 378 23	3 378 33	3 378 43	3 378 53
Side panels	3 378 62	3 378 63	3 378 64	3 378 65	3 378 66	3 378 67	3 378 68	3 378 69	3 378 70	3 378 71	3 378 72
Finishing kit	3 379 74 + 3 379 60	3 379 74 + 3 379 61	3 379 74 + 3 379 62	3 379 74 + 3 379 63	3 379 74 + 3 379 64	3 379 74 + 3 379 65	3 379 74 + 3 379 66	3 379 74 + 33 79 67	3 379 74 + 3 379 68	3 379 74 + 3 379 69	3 379 74 + 3 379 70
Internal cable sleeve kit	3 379 32	3 379 33	3 379 34	3 379 35	3 379 36	3 379 37	3 379 38	3 379 39	3 379 40	3 379 41	3 379 42
Internal CS faceplates	3 379 12	3 379 13	3 379 14	3 379 15	3 379 16	3 379 17	3 379 18	3 379 19	3 379 20	3 379 21	3 379 22

INTERNAL CABLE SLEEVES											
Height (mm)	H 750	H 900	H 1050	H 1200	H 1350	H 1500	H 1650	H 1800	H 1950	H 2100	H 2250
Enclosures	3 375 20	3 375 30	3 375 40	3 375 50	3 375 60	3 375 70	3 375 80	3 375 90	3 376 00	3 376 10	3 376 20
Metal door	3 376 40	3 376 50	3 376 60	3 376 70	3 376 80	3 376 90	3 377 00	3 377 10	3 377 20	3 377 30	3 377 40
Finishing kit	3 379 71 + 3 379 60	3 379 71 + 3 379 61	3 379 71 + 3 379 62	3 379 71 + 3 379 63	3 379 71 + 3 379 64	3 379 71 + 3 379 65	3 379 71 + 3 379 66	3 379 71 + 3 379 67	3 379 71 + 3 379 68	3 379 71 + 3 379 69	3 379 71 + 3 379 70
Faceplate	3 378 82	3 378 84	3 378 86	3 378 88	3 378 90	3 378 92	3 378 94	3 378 96	3 378 98	3 379 00	3 379 02
Functional uprights	3 379 86	3 379 87	3 379 88	3 379 89	3 379 90	3 379 91	3 379 92	3 379 93	3 379 94	3 379 95	3 379 96

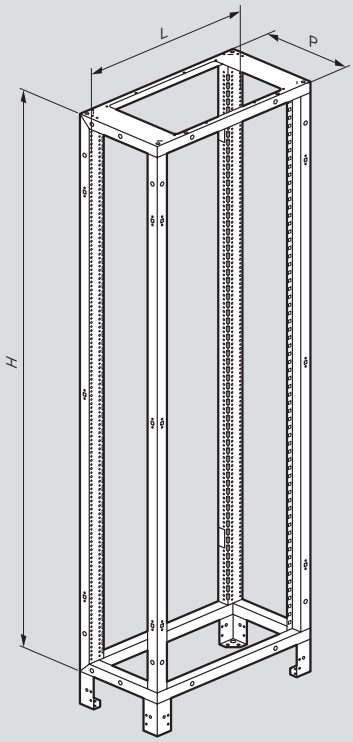
PREPARING THE ENCLOSURES

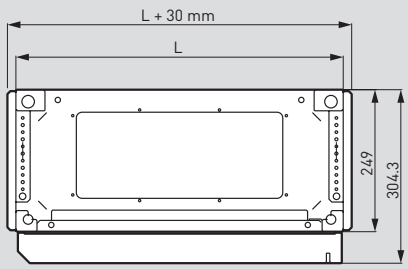
The enclosures are equipped with functional uprights and are delivered with 2 fixing supports for faceplates, their screws, 2 plates for cable entries as well as their screws, 4 reinforcement plates and 8 angle screws :

The enclosure has a sense of implementation (Up/Low). The part opening on the right (quantity: 4), as shown below, represents the lower part of your enclosure. These holes are required in case of an angle base installation.



1 DIMENSIONS





16 modules per row (Ext.dim)

Cat.No	L (mm)	H (mm)	P (mm)
3 375 21	424	824	249
3 375 31	424	974	249
3 375 41	424	1124	249
3 375 51	424	1274	249
3 375 61	424	1424	249
3 375 71	424	1574	249
3 375 81	424	1724	249
3 375 91	424	1874	249
3 376 01	424	2024	249
3 376 11	424	2174	249
3 376 21	424	2324	249

24 modules (Ext.dim)

Cat.No	L (mm)	H (mm)	P (mm)
3 375 22	574	824	249
3 375 32	574	974	249
3 375 42	574	1124	249
3 375 52	574	1274	249
3 375 62	574	1424	249
3 375 72	574	1574	249
3 375 82	574	1724	249
3 375 92	574	1874	249
3 376 02	574	2024	249
3 376 12	574	2174	249
3 376 22	574	2324	249

36 modules (Ext.dim)

Cat.No	L (mm)	H (mm)	P (mm)
3 375 23	774	824	249
3 375 33	774	974	249
3 375 43	774	1124	249
3 375 53	774	1274	249
3 375 63	774	1424	249
3 375 73	774	1574	249
3 375 83	774	1724	249
3 375 93	774	1874	249
3 376 03	774	2024	249
3 376 13	774	2174	249
3 376 23	774	2324	249

External cable sleeves (Ext.dim)

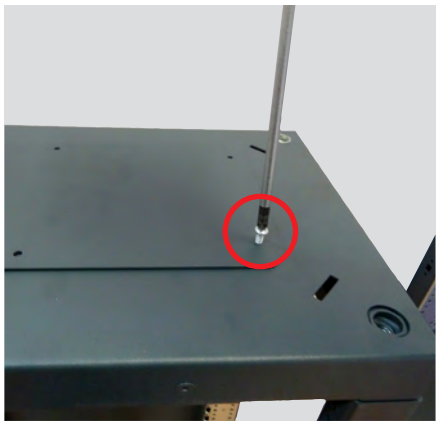
Cat.No	L (mm)	H (mm)	P (mm)
3 375 20	324	824	249
3 375 30	324	974	249
3 375 40	324	1124	249
3 375 50	324	1274	249
3 375 60	324	1424	249
3 375 70	324	1574	249
3 375 80	324	1724	249
3 375 90	324	1874	249
3 376 00	324	2024	249
3 376 10	324	2174	249
3 376 20	324	2324	249

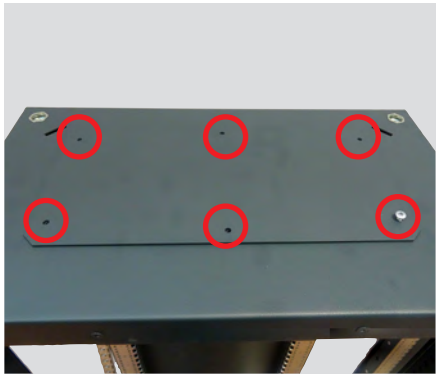
SOMMAIRE

2 CABLE ENTRY

Place the plate(s) on the upper or lower part of your enclosure. Then fix the plate(s) using the screws supplied (important screw thread) Philips n°1, tightening torque 5 N.m.

The plates are fixed on the outside of the enclosure except in case of floor-flush mounting. In this case, the lower plate is fixed on the inside of the enclosure.

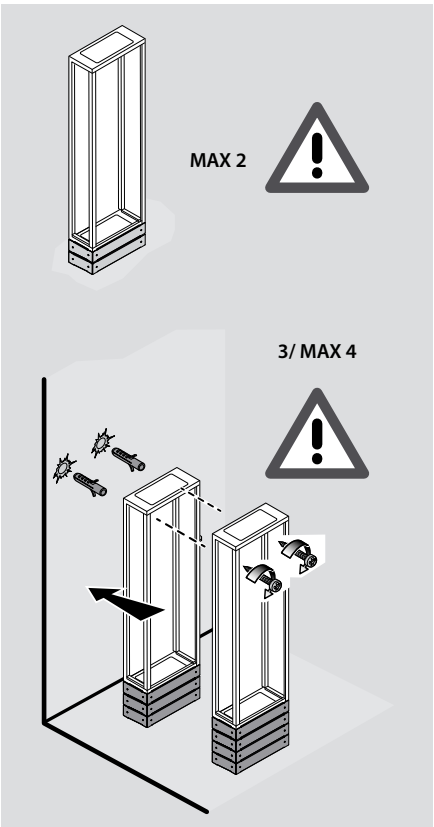




3 CORNER PIECES FOR PLINTH (CAT.NO. 3 382 00)

To facilitate the good position of cables, plinths are stackable. From 1574 mm (height) (1500 mm usable height) we recommend to use plinths.

You can superpose two bases without attaching the enclosure to a wall. When superposing 3 or 4 bases, you must attach the enclosure to a wall (more details in the chapter "Installing enclosures"). 4 bases are the maximum allowable.



The catalogue number includes: 4 corner pieces, 4 screws, 4 washers, and 4 nuts. Regarding ground bases, the fixing screws are not provided.

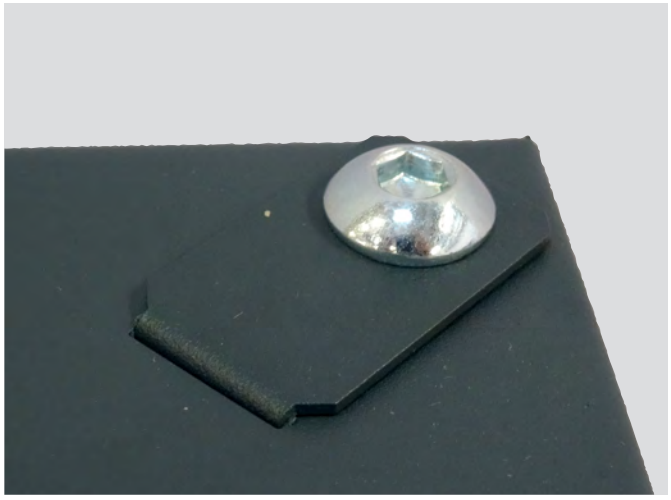
When superposing several bases, you need to complete first the angles twinning.

Insert the screw provided (8 mm) in the two brackets, then the washer and finish with the nut, flat-wrench (19 mm), tightening torque 15 N.m.

Fix the bracket(s) onto your enclosure while engaging the tab. Then, insert the screw and tighten (socket wrench 8 mm), tightening torque 8 N.m.

Regarding the floor-mounted option, more details are available in the chapter "Enclosures installation".

When fixing your enclosure to a wall (absence of base and enclosure heights ⩽ 1424 mm, fix the 4 reinforcement plates then use the 4 fixing screws (socket wrench 8 mm, tightening torque 8 N.m.)



4 FINISHING PANELS FOR PLINTHS

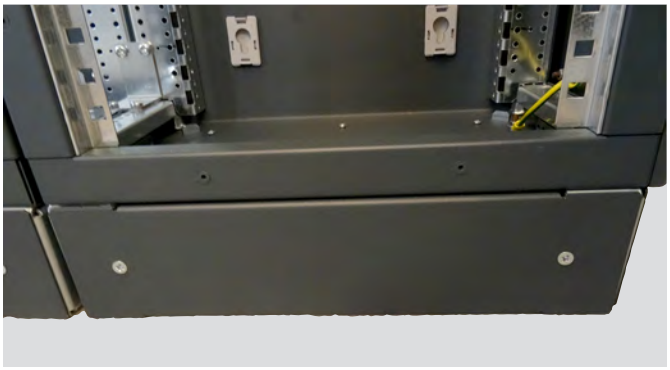
■ **Composition : 2 plates and 4 fixing screws:**

■ **5 different lengths are available:**

- 3 382 01: front/rear panels ext. cable sleeve
- 3 382 02: front/rear panels: 16 modules enclosure
- 3 382 03: front/rear panels: 24 modules enclosure
- 3 382 04: front/rear panels: 36 modules enclosure
- 3 382 05: left/right side all enclosures + ext. cable sleeve

■ **Mounting :**

- Position the covering between two angles.
- Fix the two retainer screws: Torx key Size 30, tightening torque 5 N.m.



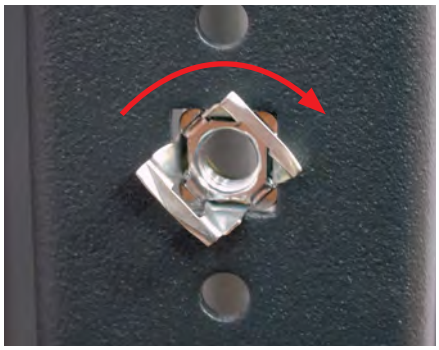
5 SIDE PANELS MOUNTING (CHECK THE Cat.No P.4)

For all your enclosures mountings, make sure to use the largest holes to fix the equipment. Smaller holes must be used for inserting anti-rotation stud.

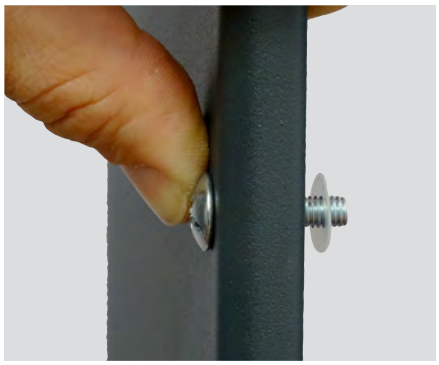
The Cat.No includes: 2 panels with their accessories: screws, washers, cage-nuts, and retaining brackets with their screws.

Place the retaining bracket on the upper side rail of your enclosure (approximately in the middle) with the screw provided, Torx key S.30, tightening torque 8 N.m.

Position the cage-nuts then rotate a quarter turn to engage them correctly.



Insert screws and washers in the side panels.



Attach your panel on the retaining bracket, then fix while tightening: Pozidriv n°3, tightening torque 1 N.m.

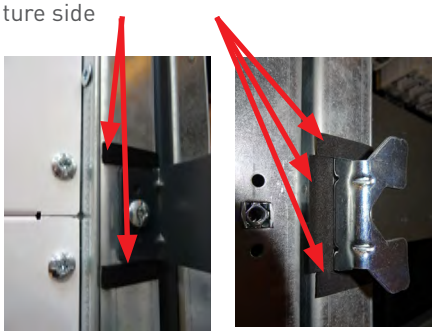
6 IP43 SEAL (Cat.No 3 379 51)

It is possible to obtain the IP43 by sticking the seal on the inner edge of the side panels, passageway plates, the door and between the enclosures if joined together. It is self-adhesive.

Thickness	Width	Length
2 mm	10 mm	10 m

Installation of the door seal:

- Hinges and closing points on the structure side



- Inner corner of the door (double the seal at the top and bottom)

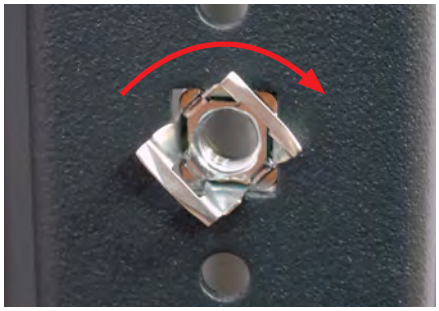
- Passing through door openings

7 ASSOCIATION, JOINING KIT (Cat.No 3 379 49 & 3 379 50)

Two joining kits exist: 1 basic kit (screws and nuts Cat.No 3 379 50) and 1 reinforced with plates (Cat.No 3 379 49), recommended for the shipping.

3 379 50: 8 screws, 2 nuts and 6 cage-nuts.

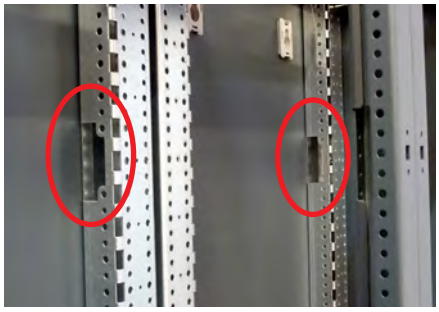
Position the cage-nuts on the side of one of your 2 enclosures where expected.



Gather the enclosures, while checking the absence of base panels on the side of your two enclosures.

Position the screws in the holes non-equipped with cage-nuts and tighten, hexagonal head 10 mm, tightening torque 8 N.m.

Passageway screws holes – front/rear panels:



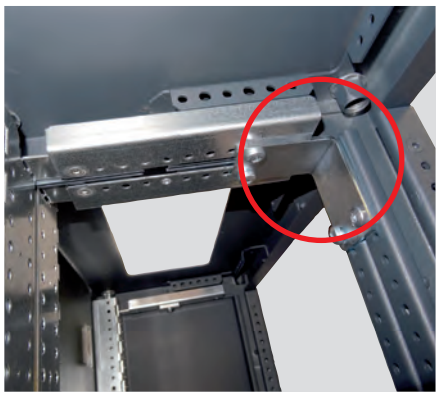
Remove the 2 bases panels before taking off the 2 enclosures.

Position one screw (max. 2 screws if 2 bases are superposed) and one nut in the middle of the rear base(s), key 10 mm, tightening torque 8 N.m.

3 379 49 : This kit is composed of 16 self-tapping screws, 3 flat plates and 1 angle bracket.

For all your enclosures mountings, make sure to use the largest holes to fix the equipment. Smaller holes would be used for inserting anti-rotation stud.

The angle bracket needs to be positioned in the upper angle on the front of your enclosure.



The 3 flat plates need to be positioned: 1 on the upper back of your enclosure, 1 on the lower back and 1 on the lower back of the front uprights.

Example of a front upright in position :

To fix your screws, use a Torx key S.30, tightening torque 8 N.m.

8 IP30 FINISHING KIT (2 Cat.No TO ORDER)

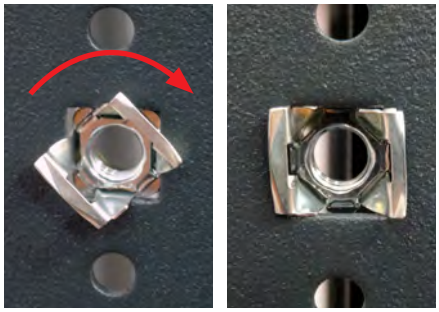
Cat.No 1 : vertical installation finishing kit

Composition : 2 metallic caps+screws+ cage-nuts.

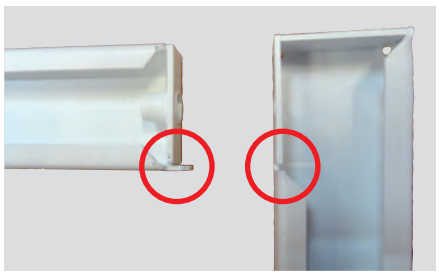
Cat.No 2 : horizontal installation finishing kit

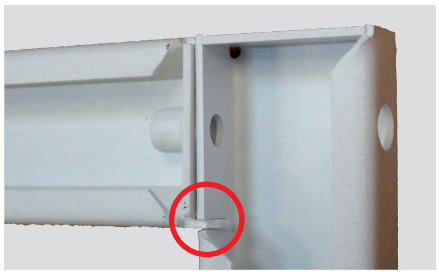
Composition : 2 metallic edges + 4 screws + 4 plastic caps.

Position your cage-nuts in the upright's holes:

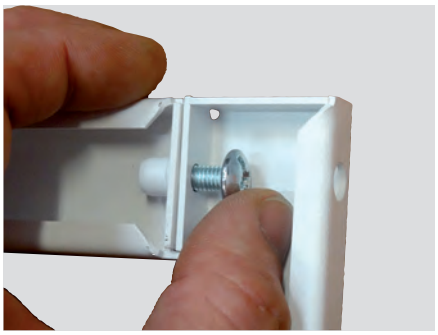


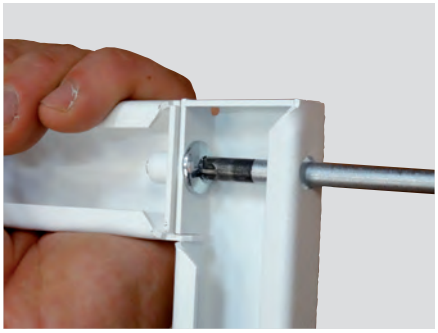
Assemble one vertical edge with one horizontal edge making sure to insert them in the tab of the slot:



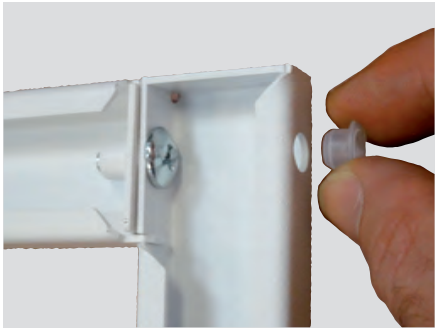


Position the screw provided with the horizontal edge and tighten, Pozidriv n°3, tightening torque 8 N.m.





To ensure the IP, seal the holes of the vertical cap with the plastic cap provided:



Please repeat for the 3 other angles.

When the frame is assembled, fix it onto your enclosure with the screws provided with the vertical edges, Pozidriv n°3, tightening torque 5 N.m.

Make sure to position the logo in the right direction.

9 DOORS MOUNTING

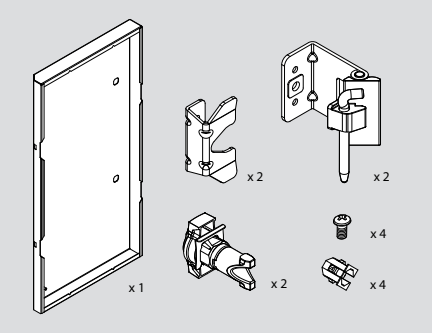
Doors are reversible, they can be opened on the left-hand or right-hand side. To succeed: change the side of the metallic lock bracket and hinges, turn 180% (and the handle for doors from 1350 mm to 2250 mm).
The maximum opening of the doors is 180°.

Doors characteristics

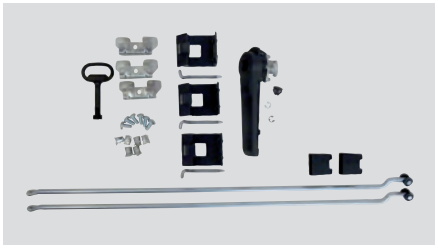
Height from 750 mm to 1200 mm :
- 2 small handles without linkage
- 2 lock bolts
- 2 hinges

Height from 1350 mm to 2250 mm :
- 1 large handle with linkage
- 3 lock bolts
- 3 hinges

Composition of the Cat.No or a door height between 750 mm and 1200 mm: 1 door, 2 metallic lock brackets, 2 hinges with 2 axes, 2 handles, 4 cage-nuts and 4 screws.



Composition of the Cat.No for a door height between 1350 and 2250 mm: 1 door, 3 metallic lock brackets, 3 hinges with 3 axes, 1 handle, 2 securing clips, 1 plastic cover, 6 cage-nuts, 6 screws and 2 bars with brackets.



Identify correctly the need before starting mounting (left or right opening).

Hinges and metallic lock brackets mounting are identical regardless of the door height. Only the handle and bar mountings are different.

SOMMAIRE

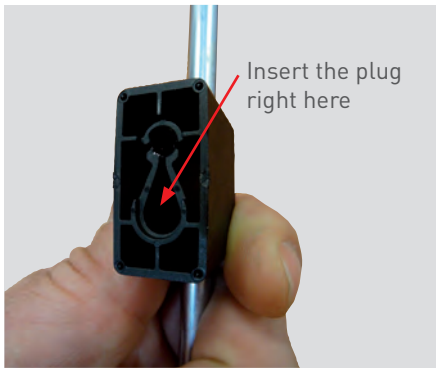
■ **Door height 1350 mm to 2250 mm mounting :**

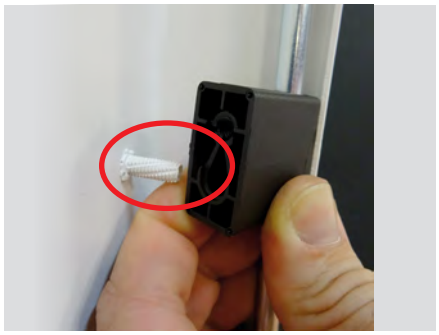
When you identified the need (right-hand or left-hand side opening), mount the handle and bar.

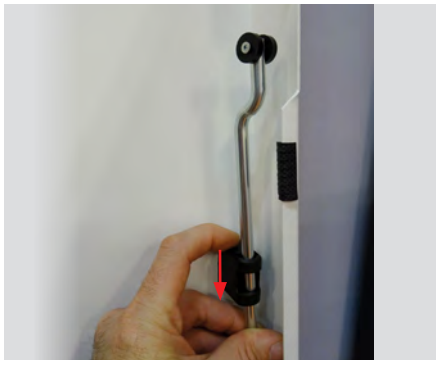
-Position the handle by fixing (away from hinges) with the mechanic part upward and the plastic cover in the blank hole above.

- Insert each bar in a black plastic bracket respecting the right direction.

- Insert correctly and at its maximum the 2 brackets in the door plugs. Then push down the upper bracket (push up the lower bracket) to lock the whole.

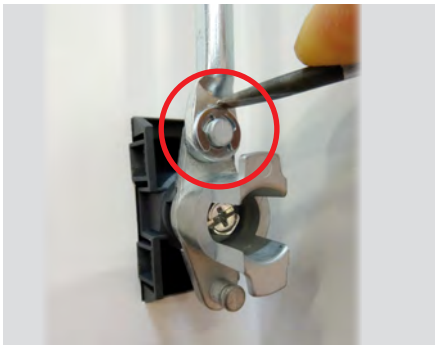






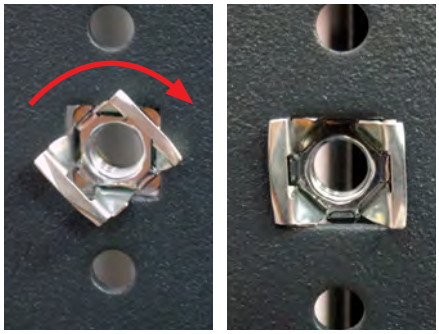
Push down (upper bracket).

- Insert the bars edges in the handle plugs, then, position the securing clips to lock the whole.

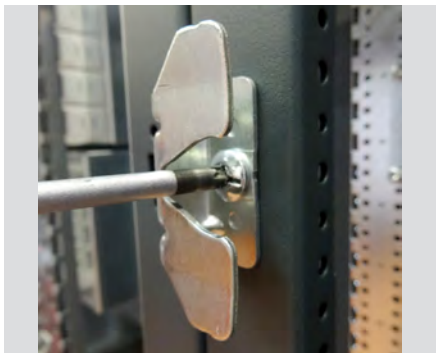


Overview of the right direction.

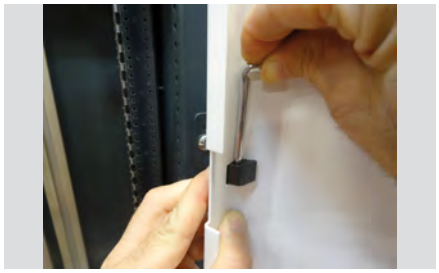
- Position the 6 pipe-nuts in the square holes (on the hinges side).

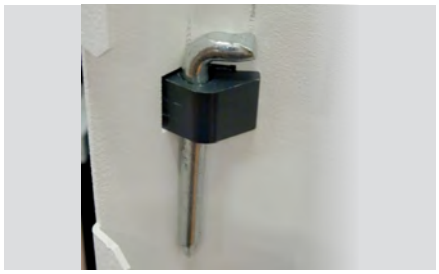


- Fix the 3 hinges and the 3 lock brackets (away from the hinges) on your enclosure with the screws provided: Pozidriv n°3, tightening torque 8 N.m.



- Insert the door in the hinges then block the whole with the pins provided.





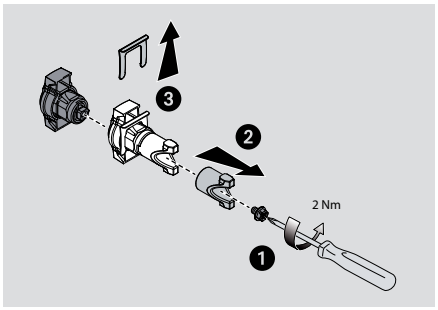
- Close the door and check the closing.

Vertical key: the door is open, not locked out.

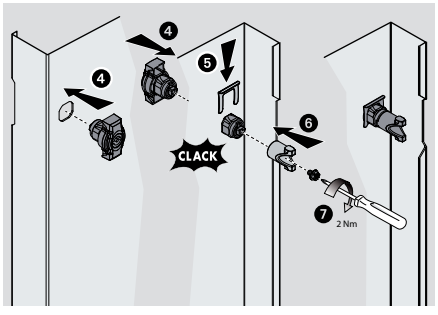
Horizontal key : the door is closed (locked out).

■ **Handle mounting on a door height between 750 mm and 1200 mm:**

- Separate the 4 parts composing your handle as mentioned below.



- Place the handle on the door, fix the metallic clip, position the lock bracket and lock the handle with the screw, Pozidriv n°2, tightening torque 2 N.m.



10 FIXING SUPPORT FOR FACEPLATES (PROVIDED)

The latter must be fixed when the enclosure is fully equipped (plates, products, bars among others).

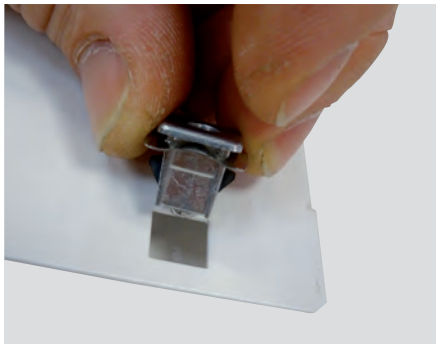
- Remove the rubber covers from the structure's uprights.
- Position the faceplate support then fix it with the screws provided, countersunk head Torx S.30, tightening torque 5 N.m.

11 FACEPLATE'S INDIVIDUAL FIXING

There are 3 fixing options:

■ **Automatic locking (Cat.No. 3 397 00, set of 100)**

- Fix the appropriate number of locks in the faceplate square holes.



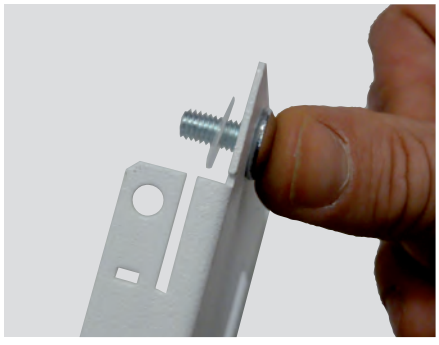
- Position the faceplate where needed, then press each lock to listen to a "click" meaning it is well fixed.
- To remove the faceplate, insert a flat screwdriver (5 mm) then turn counter-clockwise a quarter turn.

■ **¼ turn screws (Cat.No 3 397 01, set of 100)**

■ **Each screw (Cat.No 3 397 02, set of 100)**

Each Cat.No is composed of 100 screws, 100 plastic washers, 100 clips and 25 claws.

- Insert the screws in the square holes of your faceplate, then engage the plastic washers at the back.



- Place the right numbers of clip(s) on the faceplate support:

- Insert a claw 30 mm downward than the 2 upper claws:

- Fix the faceplate while tightening the screws, Pozidriv n°3, tightening torque 5 N.m.

12 DOORS, PANELS AND FACEPLATES EQUIPOTENTIAL BONDING (Cat.No 3 397 53)

For all your enclosures mountings, make sure to use the largest holes to fix the equipment. Smaller holes would be used for inserting anti-rotation stud.

Composition :

- 1 green/yellow cable equipped with 2 rounded lugs
- 1 self-tapping screw
- 1 metric screw 15 mm
- 2 nuts for M6 screws
- 4 flat washers

■ Door earthing :

The faceplates and side panels equipotential bonding are ensured by mounting elements (+ claws for faceplates).

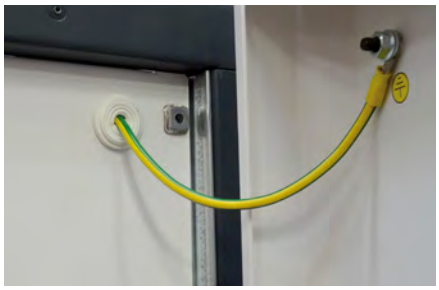
Doors equipotential bonding is automatically ensured via hinges.

When mounting electrical equipment, voltage exceeds 50 V, on the door, faceplates or side panels, it is required to conduct a complementary equipotential bonding. You need to use the following conductor (Cat.No 3 397 53). The length of this equipotential link is 350 mm, its cross-section is 6mm².

To allow the cable passage, we advise to position a faceplate (at the top/bottom of your enclosure) equipped with a Plexo membrane gland.

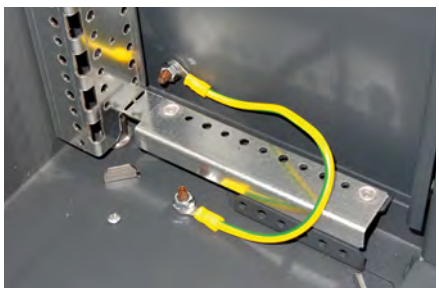
Several diameters are available: 20 mm max. (CAT.NO 0 919 08/14), 25 mm max. (CAT.NO 0 919 00/15), 32 mm max. (CAT.NO 0 919 16), and 40 mm max. (CAT.NO 0 919 17).

- Drill a hole in the faceplate according to the adapted diameter of your membrane gland.
- Place your plug.
- Use your self-tapping screw with a flat washer, then fix a cable edge on the enclosure's structure crosshead.
- Put through your cable in the membrane gland.
- Fixe the faceplate on the faceplate supports.
- Remove the cover protecting the door's dowel.
- Position the other edge in the dowel, the washer and the nut, then block the whole.

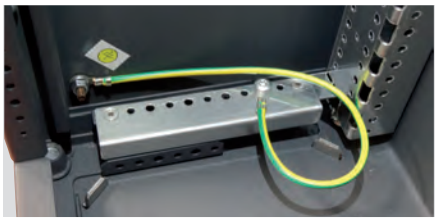


■ Earthing on a side panel :

- Remove the cover protecting the door's dowel.
- Position the other edge in the dowel, the washer and the nut, then block the whole.
- If there is a dowel at the bottom of the enclosure, repeat the first two operations.

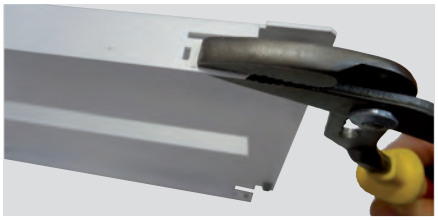


- If there is no dowel, use an self-tapping screw with a flat washer and fix the other edge of the cable on the enclosure structure's crosshead.

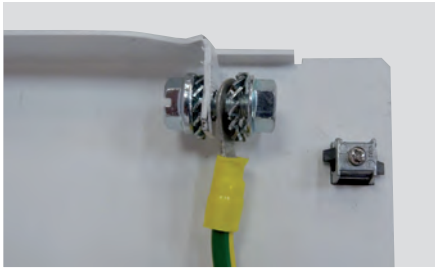


■ Earthing of a faceplate:

- Use a flat clip and twist the bracket provided on the faceplate.



- Use the metric screw equipped with a toothed washer then insert the whole in the bracket's hole.
- Across the bracket, fix one edge of the cable, then the second toothed washer and the nut.
- Tighten the whole, 8 N.m



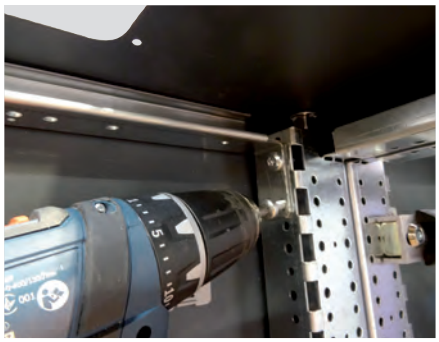
-Use the self-tapping screw with a flat washer, fix the other edge of the cable on the enclosure's structure rear upright.

13 INTERNAL CABLE SLEEVE KIT

For all your enclosures mountings, make sure to use the largest holes to fix the equipment. Smaller holes would be used for inserting anti-rotation stud.

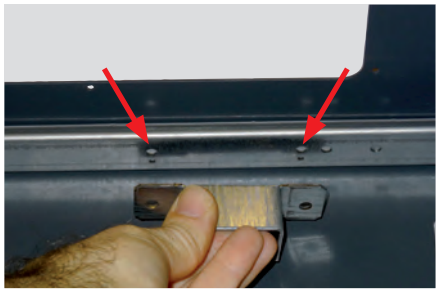
The 36 modules XL³ S 630 can be equipped with an internal cable sleeve. It can be positioned on the left or on the right side.

- Fix the 2 upper and lower crossheads on the back of the structure's uprights: 4 crosshead screws, Torx key S.30, tightening torque 5 N.m.



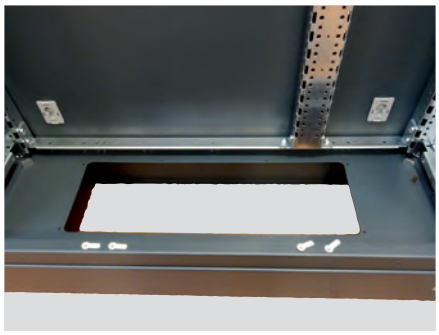
- Identify the need: Cable sleeve on the left/right
- Fix the 2 metallic brackets (1 at the top/1 at the bottom) on the crossheads.

■ **Example on the upper crosshead :**



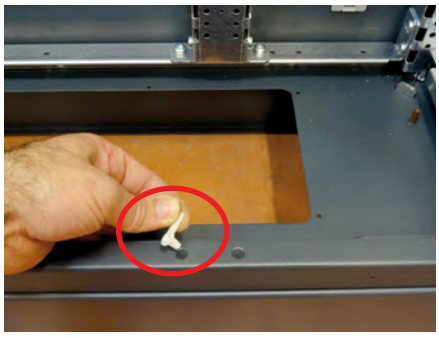
- Fix the rear upright of the cable sleeve on these brackets: 2 screws at the top, 2 at the bottom. Torx key S.30, tightening torque 5 N.m.

Exmple on the lower crosshead:



- Remove the 4 plastic covers (2 at the top/2 at the bottom).

■ **Example for the 2 at the bottom:**



- Position the pipe-nuts on the 2 brackets in the square holes, then fix them on the enclosure's structure: countersunk screws, Pozidriv n°2, tightening torque 5 N.m.

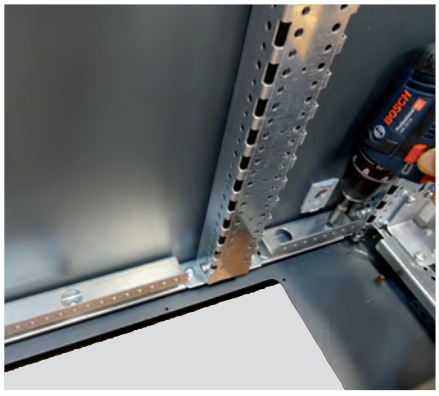
- Fix the faceplate support of the internal cable sleeve (square holes) on the brackets with 4 screws: 2 at the top, 2 at the bottom. Torx key S.30, tightening torque 5 N.m.
- Regarding the 2 remaining parts, you need to choose between 4 options before starting the installation:

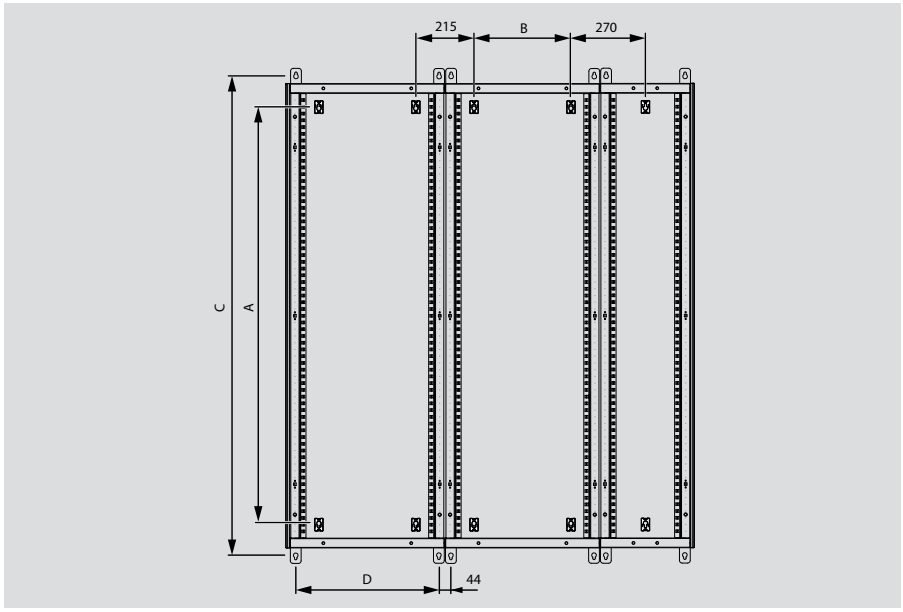
1. Cable sleeve on the right, power bars at the top
2. Cable sleeve on the left, power bars at the top
3. Cable sleeve on the right, power bars at the bottom
4. Cable sleeve on the left, power bars at the bottom .

14 WALL AND FLOOR FIXING (TABLE: FIXING DIMENSIONS)

Once you have opted for a configuration, fix the 2 parts (1 short, 1 longer) with 4 screws (2/parts). Torx key S.30, tightening torque 5 N.m.

■ **Exmple of configuration 3:**





16 modules

Cat.No	A (mm)	B (mm)	C (mm)	D (mm)
3 375 21	667	210	900	381
3 375 31	817	210	1050	381
3 375 41	967	210	1200	381
3 375 51	1117	210	1350	381
3 375 61	1267	210	1500	381
3 375 71	1417	210	1650	381
3 375 81	1567	210	1800	381
3 375 91	1717	210	1950	381
3 376 01	1867	210	1950	381
3 376 11	2017	210	2250	381
3 376 21	2167	210	2400	381

36 modules

Cat.No	A (mm)	B (mm)	C (mm)	D (mm)
3 375 23	667	560	900	731
3 375 33	817	560	1050	731
3 375 43	967	560	1200	731
3 375 53	1117	560	1350	731
3 375 63	1267	560	1500	731
3 375 73	1417	560	1650	731
3 375 83	1567	560	1800	731
3 375 93	1717	560	1950	731
3 376 03	1867	560	1950	731
3 376 13	2017	560	2250	731
3 376 23	2167	560	2400	731

24 modules

Cat.No	A (mm)	B (mm)	C (mm)	D (mm)
3 375 22	667	360	900	531
3 375 32	817	360	1050	531
3 375 42	967	360	1200	531
3 375 52	1117	360	1350	531
3 375 62	1267	360	1500	531
3 375 72	1417	360	1650	531
3 375 82	1567	360	1800	531
3 375 92	1717	360	1950	531
3 376 02	1867	360	1950	531
3 376 12	2017	360	2250	531
3 376 22	2167	360	2400	531

External cable sleeves

Cat.No	A (mm)	B (mm)	C (mm)	D (mm)
3 375 20	667	-	900	281
3 375 30	817	-	1050	281
3 375 40	967	-	1200	281
3 375 50	1117	-	1350	281
3 375 60	1267	-	1500	281
3 375 70	1417	-	1650	281
3 375 80	1567	-	1800	281
3 375 90	1717	-	1950	281
3 376 00	1867	-	1950	281
3 376 10	2017	-	2250	281
3 376 20	2167	-	2400	281

11 faceplates Cat.Nos exist for cable sleeves (for 11 heights). This Cat.No is composed of:

- 1 faceplate for a height from 750 mm to 1200 mm.
- 2 faceplates for a height from 1350 mm to 2250 mm.

SOMMAIRE

■ Internal wall fixing

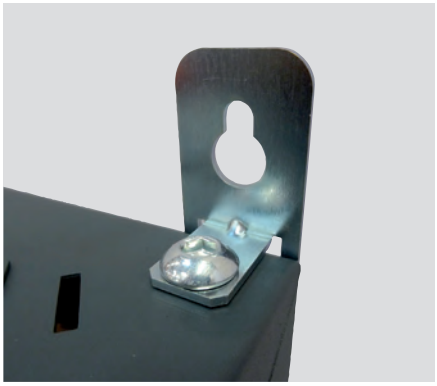
- Cut the plastic shutters.

-Position the enclosure and note the position of dowels if needed (bulkhead or concrete bearing wall among others).

- Fix the enclosure with screws of adapted diameter and length, tightening torque 8 N.m.

■ External wall fixing (fixing brackets Cat.No 3 379 52)

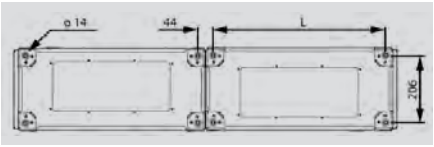
- Fix the 4 brackets on the enclosure with M12 head screws provided with the enclosure: 6 panels of 8 mm, tightening torque 8 N.m.



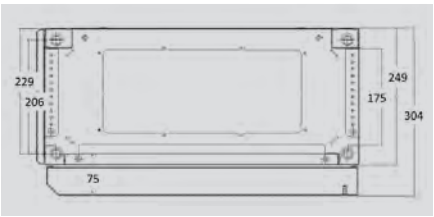
- Position the enclosure and note the position of dowels if needed (bulkhead or concrete bearing wall among others).

- Fix the enclosure with screws of adapted diameter and length, tightening torque 8 N.m.

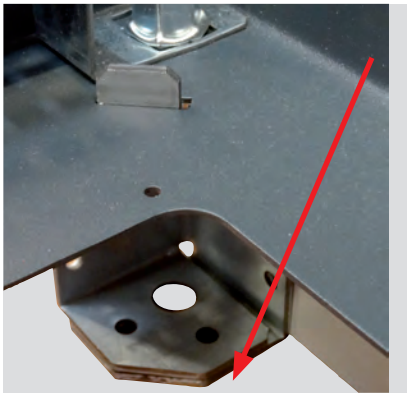
■ Floor fixing



Width	L (mm)
Cable sleeves	281
16 M	381
24 M	531
36 M	731



With the help of the illustration above, drill the floor, insert dowels, then position enclosures and fix them using the holes of the bases (diameter: 14 mm).



DEVICES MOUNTING

1 VOLUMES: THE PRINCIPLE OF THE DEFINITION

Each device after being fixing on a bar or a plate, has its own faceplate. The height defines the volume needed for the installation, connection, insulating distances as well as the heat dissipation optimal conditions.

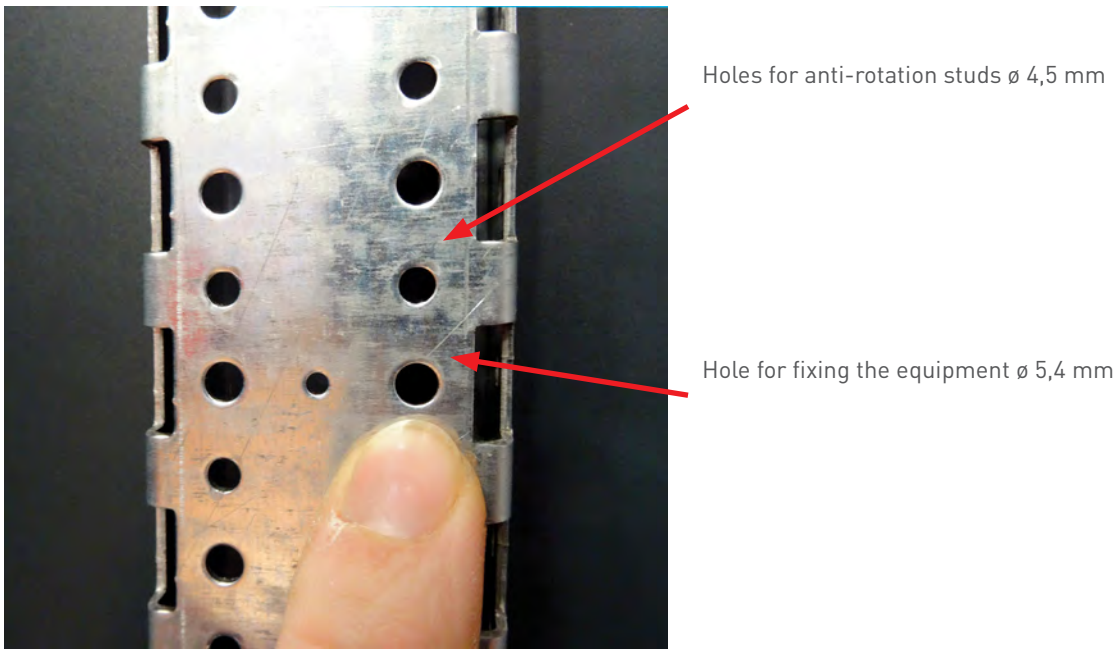
Once positioned, the faceplates guarantee the IP30 degree of protection.

Different heights are available:

- From 150 mm to 600 mm for safety and power outage devices.
- From 50 mm to 600 mm for plain faceplates (exclusive of cable sleeves). The latter enable to equip the needed zones regarding the cable passage, busbars installation and specific equipment implementation.

For all mounting in enclosures, always use the largest holes to fix the equipment. The smaller holes are for the insertion of anti-rotation studs.

When installing and wiring the equipment, it is necessary to place the enclosure on a wider support so that the products are flat. It is recommended to first fix the products on the plates and then to mount the assembly in the enclosure.



DEVICES	ENCLOSURE	POSITION	CONFIGURATION	FIXING ACCESSORIES			FACEPLATES HEIGHTS(MM)	
				RAIL	PLATE	BRACKETS		
MOD. CIRCUIT BREAKERS	Width 16 mod.	Vertical	-	3 382 20	-	-	150	3 382 51
	Width 24 mod.			3 382 23				3 382 52
	Width 36 mod			3 382 26				3 382 53
DRX 125	Width 16 mod.	Vertical	1 pole	3 382 20 + 0 271 89	-	-	300	3 382 71
	Width 24 mod.		2 poles	3 382 23 + 0 271 90				3 382 72
	Largeur 36 mod		3 poles & 4 poles	3 382 26 + 0 271 87				3 382 73
DPX³ 160	Width 16 mod.	Vertical	No side motor drive	3 382 20 + 4 210 71	-	-	300	3 382 71
			With earth leakage module - no motor drive	3 382 20 + 4 210 73				3 382 71
			Side motor drive	3 382 20 + 4 210 68				3 382 71
	Width 24 mod.	Vertical	No side motor drive	3 382 23 + 4 210 71	-	-	300	3 382 72
			With earth leakage module - no motor drive	3 382 23 + 4 210 73				3 382 72
			Side motor drive	3 382 23 + 4 210 68				3 382 72
	Width 36 mod	Vertical	No side motor drive	3 382 26 + 4 210 71	-	-	300	3 382 73
			With earth leakage module - no motor drive	3 382 26 + 4 210 73				3 382 73
			Side motor drive	3 382 26 + 4 210 68				3 382 73
DPX³ 250	Width 16 mod.	Vertical	No side motor drive	3 382 20 + 4 210 72	-	-	300	3 382 71
			With earth leakage module - no motor drive	3 382 20 + 4 210 74				
			Side motor drive	3 382 20 + 4 210 69				
			With earth leakage module - terminal covers	3 382 20 + 4 210 74			400	3 382 81
	Width 24 mod.	Vertical	No side motor drive	3 382 23 + 4 210 72	-	-	300	3 382 72
			With earth leakage module - no motor drive	3 382 23 + 4 210 74				
			Side motor drive	3 382 23 + 4 210 69				
			With earth leakage module - terminal covers	3 382 23 + 4 210 74			400	3 382 82
	Width 36 mod	Vertical	No side motor drive	3 382 26 + 4 210 72	-	-	300	3 382 73
			With earth leakage module - no motor drive	3 382 26 + 4 210 74				
			Side motor drive	3 382 26 + 4 210 69				
			With earth leakage module - terminal covers	3 382 26 + 4 210 74			400	3 382 83

DEVICES MOUNTING

DEVICES	ENCLOSURE	POSITION	CONFIGURATION	FIXING ACCESSORIES			FACEPLATES HEIGHTS(MM)	
				RAIL	PLATE	BRACKETS		
DPX³ 160	Width 16 mod.	Horizontal	3P	-	3 383 00	-	100	3 383 50
			3P or 4P with or without earth leakage module		3 383 01		150	3 383 51
	Width 24 mod.		3P		3 383 03		100	3 383 53
			3P or 4P with or without earth leakage module		3 383 04		150	3 383 54
	Width 36 mod		3P		3 383 06		100	3 383 56
			3P or 4P with or without earth leakage module		3 383 07		150	3 383 57
	Width 16 mod.	Vertical	3P or 4P	-	3 383 20	-	300	3 382 71
			4P with earth leakage module		3 383 21			
	Width 24 mod.		3P		3 383 23			3 382 72
			4P		3 383 24			
			4P with earth leakage module		3 383 25			
	Width 36 mod		3P		3 383 26			3 382 73
			4P		3 383 27			
			4P with earth leakage module		3 383 28			
DPX³ 250	Width 16 mod.	Horizontal	3P or 4P with or without earth leakage module	-	3 384 00 3 383 01	-	150 200	3 384 50 3 382 51
	Width 24 mod.				3 384 03 3 384 04		150 200	3 384 53 3 384 54
	Width 36 mod				3 384 06 3 384 07		150 200	3 384 56 3 384 57
	Width 16 mod.	Vertical	3P or 4P 4P with earth leakage module	-	3 384 20 3 384 21	-	300	3 382 71
	Width 24 mod.		3P		3 384 23			3 382 72
			4P		3 384 24			
			4P with earth leakage module		3 384 25			
	Width 36 mod		3P		3 384 26			3 382 73
			4P		3 384 27			
			4P with earth leakage module		3 384 28			
DRX 250	Width 16 mod.	Vertical	All types	3 382 20 + 0 271 88	-	-	300	3 382 71
	Width 24 mod.			3 382 23 + 0 271 88				3 382 72
	Width 36 mod			3 382 26 + 0 271 88				3 382 73
DRX 250 HP	Width 16 mod.	Horizontal	3P 4P with or without earth leakage module	-	3 386 00 3 386 01	-	150 200	3 384 50 3 384 51
	Width 24 mod.		3P 4P with or without earth leakage module		3 386 03 3 386 04		150 200	3 384 53 3 384 54
	Width 36 mod		3P 4P with or without earth leakage module		3 386 06 3 386 07		150 200	3 384 56 3 384 57
	Width 16 mod.	Vertical	3P 4P with or without earth leakage module	-	3 386 20 3 386 21	-	300	3 382 71 3 382 71
	Width 24 mod.		3P 4P with or without earth leakage module		3 386 23 3 386 24			3 382 72 3 382 72
	Width 36 mod		3P 4P with or without earth leakage module		3 386 26 3 386 27			3 382 73 3 382 73

DEVICES	ENCLOSURE	POSITION	CONFIGURATION	FIXING ACCESSORIES			FACEPLATES HEIGHTS(MM)	
				RAIL	PLATE	BRACKETS		
DPX³ 250 HP	Width 16 mod.	Horizontal	3P 4P with or without earth leakage module	-	3 386 00 3 386 01	-	150 200	3 386 50 3 386 51
	Width 24 mod.		3P 4P with or without earth leakage module		3 386 03 3 386 04		150 200	3 386 53 3 386 54
	Width 36 mod		3P 4P with or without earth leakage module		3 386 06 3 386 07		150 200	3 386 56 3 386 57
	Width 16 mod.	Vertical	3P 4P with or without earth leakage module	-	3 386 20 3 386 21	-	300	3 386 70 3 386 71
	Width 24 mod.		3P 4P with or without earth leakage module		3 386 23 3 386 24			3 386 73 3 386 74
	Width 36 mod		3P 4P with or without earth leakage module		3 386 26 3 386 27			3 386 76 3 386 77
DPX-IS 250	Width 24 mod.	Horizontal	3P or 4P	-	3 389 02	-	300	3 389 42
	Width 36 mod				3 389 04			3 389 44
	Width 16 mod.	Vertical	3P or 4P	-	3 389 20	-	300	3 382 71
	Width 24 mod.				3 389 22			3 382 72
	Width 36 mod				3 389 24			3 382 73
DPX³ 630	Width 16 mod.	Horizontal	3P 3P or 4P no earth leakage module	-	3 387 00 3 387 01	-	150 200	3 387 50 3 387 51
	Width 24 mod.		3P 3P or 4P no earth leakage module		3 387 03 3 387 04		150 200	3 387 53 3 387 54
	Width 36 mod		3P 3P or 4P no earth leakage module 4P with earth leakage module		3 387 06 3 387 07 3 387 07		150 200 200	3 387 56 3 387 57 3 387 58
	Width 16 mod.	Vertical	3P or 4P no earth leakage module 4P with earth leakage module	-	3 387 20 3 387 21	-	400 600	3 387 70 3 387 71
	Width 24 mod.		3P or 4P no earth leakage module 4P with earth leakage module		3 387 24 3 387 25		400 600	3 387 74 3 387 75
	Width 36 mod		3P or 4P no earth leakage module 4P with earth leakage module		3 387 27 3 387 28		400 600	3 387 77 3 387 78
DPX-IS 630	Width 24 mod.	Horizontal	3P or 4P	-	3 390 02	-	300	3 390 41
	Width 36 mod		3P or 4P		3 390 14			3 390 43
	Width 16 mod.	Vertical	3P or 4P	-	3 390 20	-	400	3 390 50
	Width 24 mod.		3P or 4P		3 390 22			3 390 52
	Width 36 mod		3P or 4P		3 390 24			3 390 54

SOMMAIRE

DEVICES MOUNTING

DEVICES	ENCLOSURE	POSITION	CONFIGURATION	FIXING ACCESSORIES			FACEPLATES HEIGHTS(MM)	
				RAIL	PLATE	BRACKETS		
SPX 000	Width 16 mod.	Vertical	3P	-	3 392 60	-	300	3 392 70
	Width 24 mod.				3 392 61			3 392 71
	Width 36 mod				3 392 62			3 392 72
SPX 00	Width 16 mod.	Vertical	3P	-	3 392 60	-	300	3 393 00
	Width 24 mod.				3 392 61			3 393 01
	Width 36 mod				3 392 62			3 393 02
SPX 1	Width 16 mod.	Vertical	3P	-	3 393 20	-	400	3 393 30
	Width 24 mod.				3 393 21			3 393 31
	Width 36 mod				3 393 22			3 393 32
SPX 2	Width 16 mod.	Vertical	3P	-	3 393 50	-	400	3 393 60
	Width 24 mod.				3 393 51			3 393 61
	Width 36 mod				3 393 52			3 393 62
SPX 3	Width 24 mod.	Vertical	3P	-	3 393 81	-	400	3 393 91
	Width 36 mod				3 393 82			3 393 92
SPX-D 160	Width 16 mod.	Vertical	3P or 4P	-	3 394 60	-	300	3 394 71
	Width 24 mod.				3 394 61			3 394 73
	Width 36 mod				3 394 62			3 394 75

DEVICES	ENCLOSURE	POSITION	CONFIGURATION	FIXING ACCESSORIES			FACEPLATES HEIGHTS(MM)	
				RAIL	PLATE	BRACKETS		
				BUSBARS FIXING				
SPX 000	Width 16 mod.	Vertical	3P	-	-	3 392 50	300	3 392 70
	Width 24 mod.							3 392 71
	Width 36 mod							3 392 72
SPX 00	Width 16 mod.	Vertical	3P	-	-	3 392 50	300	3 393 00
	Width 24 mod.							3 393 01
	Width 36 mod							3 393 02
SPX 1	Width 16 mod.	Vertical	3P	-	-	3 392 50	400	3 393 30
	Width 24 mod.							3 393 31
	Width 36 mod							3 393 32
SPX 2	Width 16 mod.	Vertical	3P	-	-	3 392 50	400	3 393 60
	Width 24 mod.	Vert./Horizontal(1)						3 393 61/ 3 393 65
	Width 36 mod	Vert./ Horizontal(2)						3 393 62/ 3 393 66
SPX 3	Width 24 mod.	Vert./Horizontale(1)	3P	-	-	3 392 50	400	3 393 91/ 3 393 95
	Width 36 mod	Vert./ Horizontal(2)						3 393 92/ 3 393 96

(1) : Crosspiece Cat.No 3 379 81
(2) : Crosspiece Cat.No réf. 3 379 82

2 FIXING SYSTEMS

2 devices fixing systems exist:

- Plates: DRX, DPX IS 250/630, SPX, DPX³ 160/250/630.
- Adjustable rails (3 positions) : modular equipment, DRX, DPX³ 160/250.

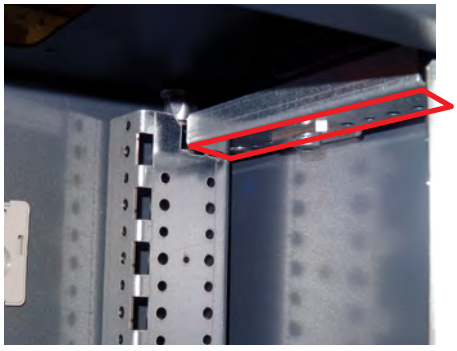
■ **Plates:**

To mount your devices, use pipe-nuts, nuts or directly screw your fixing screws on the plate.

- After having installed the device on the plate (tightening torque 1 N.m. for all the devices, except SPX 2 N.m.) it is essential to bend the retaining brackets and then to clip them on the enclosure's uprights.

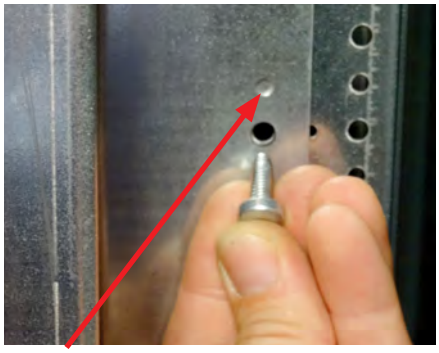
The XL Pro³ software automatically gives you the positions of the plates and rails depending on the implementation.

Dimensions indicated by XL PRO³ are given in relation to the zero point (located under the upper crosspiece of your enclosure's structure).



The plate's plan defines the good position of the plates.

- Insert the anti-rotation studs in the smaller holes of the enclosure, then position your auto-tapping screws and tighten: Torx key S.30, tightening torque 8 N.m. Repeat these two operations for other fixing points (2 or 4).



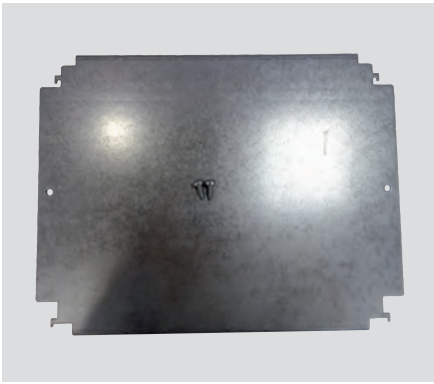
anti-rotation stud

Universal plain and perforated plates

	PLAIN			
Height	200 mm	300 mm	400 mm	600 mm
16 M	3 395 40	3 395 41	3 395 42	3 395 43
24 M	3 395 44	3 395 45	3 395 46	3 395 47
36 M	3 395 48	3 395 49	3 395 50	3 395 51
	PERFORATED			
Height	200 mm	300 mm	400 mm	600 mm
16 M	3 395 60	3 395 61	3 395 62	3 395 63
24 M	3 395 64	3 395 65	3 395 66	3 395 67
36 M	3 395 68	3 395 69	3 395 70	3 395 71

They are both delivered with 2 auto-tapping screws and must be fixed on the functional uprights (likewise basic plates). The differences are there are no anti-rotation studs and 4 retaining brackets are available instead of 2.

Example of the plate Cat.No 3 395 41:



Adjustable rails (3 positions) :

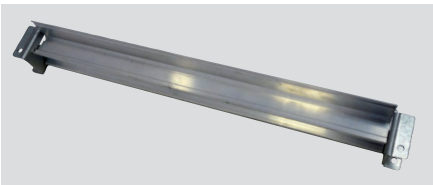
These rails enable the mounting of modular devices: DPX³ 160/250 et DRX 125/250.

3 Cat.Nos are available:

- 3 382 20: 16 modules
- 3 382 23: 24 modules
- 3 382 26: 36 modules

Composition:

- On each side of the rail, place 2 metallic brackets.



It is possible to position the fixing brackets at the back of your enclosure, but also behind the front face uprights of your enclosure.

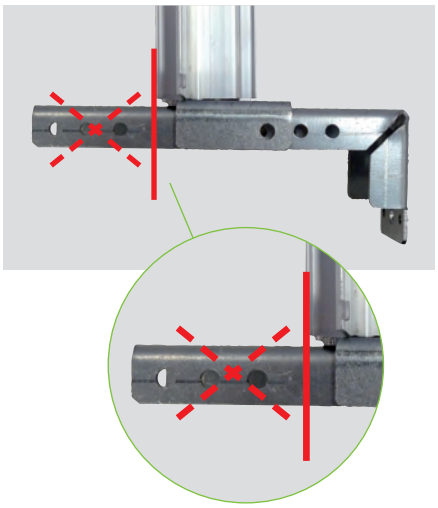
Back of the enclosure

Behind the front face upright

Depending on the devices typologies on the rail, the free space between the rail and the rear upright is about:

- 95 mm (when modular devices are on the rail)
- 80 mm (when a DRX is on the rail)
- 70 mm (when a DPX³ is on the rail)

Part to cut if a DPX³ is on the rail :



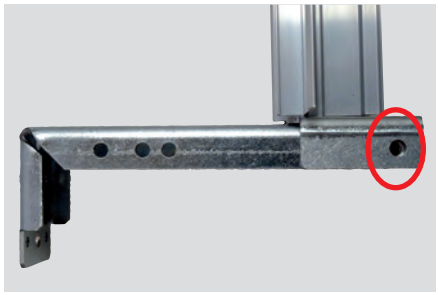
- Position the rail equipped with brackets on the fixing brackets following the requested configuration.

Fixing the brackets behind the front face structure's uprights enables to position more easily ducts and terminal blocks on the rear structure's uprights. The brackets can be cut to save space.

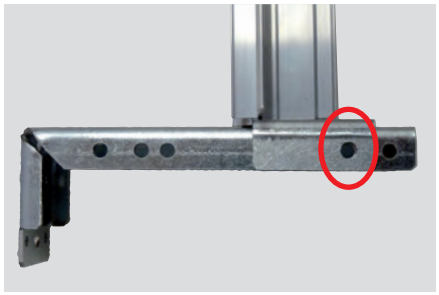
DEVICES MOUNTING

3 configurations are available: :

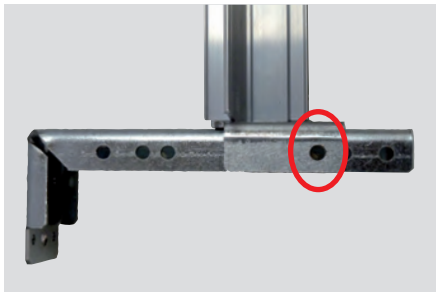
Modular equipment



DRX



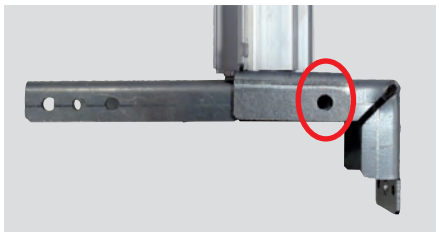
DPX³



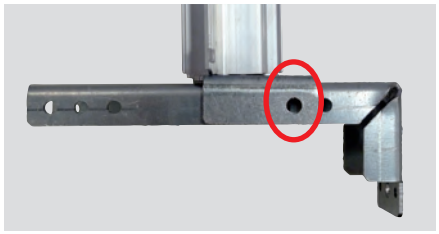
- Once the configuration and the position are determined, block the whole (rail/ brackets) with 2 auto-tapping screws (1 on each side), Torx S.30, tightening torque 8 N.m.

3 configurations are available (behind the front face structure's upright):

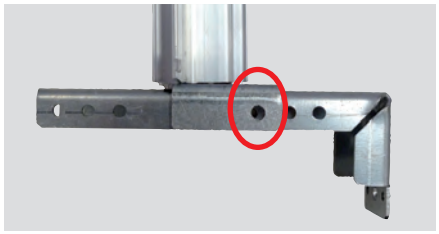
Modular equipment



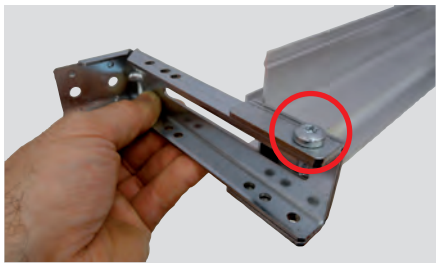
DRX



DPX³



Example :

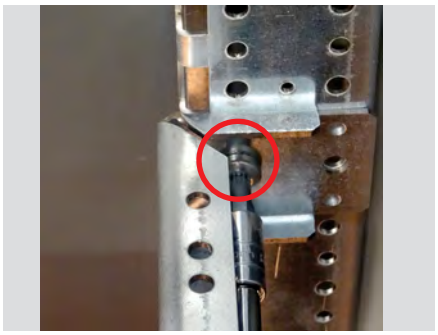


-Fix the whole on the rear or front face uprights (engage the anti-rotation studs) using the auto-tapping screws (one on each side), Torx S.30, tightening torque 8 N.m.

Rear upright:

Screws must be positioned in the inboard holes.

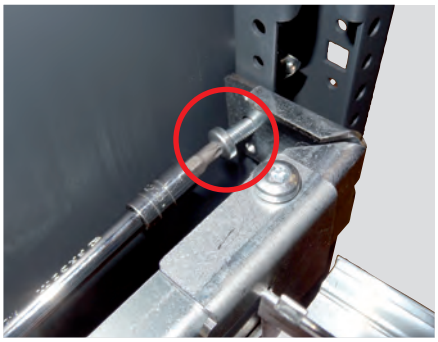
Rail right side



Front face upright:

Screws must be positioned in the outboard holes

Rail right side



3 RAIL HEIGHT SPACER

3 references enable the cohabitation of several devices on the same rail:

Cat.No 3 382 40 :

Enlable the cohabitation between modular equipment and DPX³ 160/250

Position the rail on the fixing brackets at the bottom of the enclosure.

Cat.No 3 382 41:

Enables the cohabitation between modular equipment and DRX 125/250

Position the rail in the intermediary position on the fixing brackets.

Cat.No 3 382 42:

Enables the cohabitation between DPX³ 160/250 and DRX 125/250

Position the rail on the fixing brackets at the bottom of the enclosure.

To enable the fixing of DPX³ and DRX on the rail, it is essential to equip them with adaptors, here are the Cat.Nos:

- 4 210 68 : DPX³ 160 side motor drive
- 4 210 69: DPX³ 250 side motor drive
- 4 210 71 :DPX³ 160 no side motor drive
- 4 210 72: DPX³ 250 no side motor drive
- 4 210 73: DPX³ 160 with earth leakage no side motor drive
- 4 210 74: DPX³ 250 with earth leakage no side motor drive

Fixing plate for DPX³

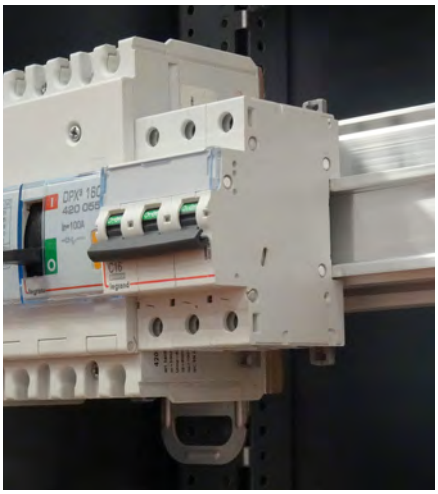
Fixing plate for DRX

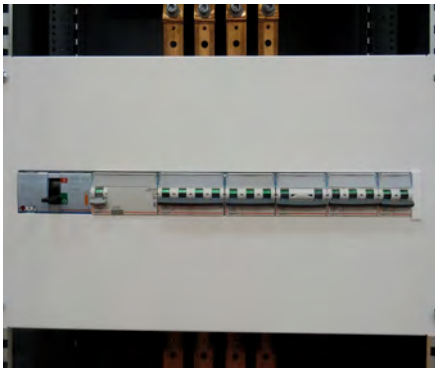
- 0 271 87 : for DRX 125 3P and 4P
- 0 271 88 : for DRX 250
- 0 271 89 : for DRX 125 1P
- 0 271 90 : for DRX 125 2P

The rail height spacer needs to be fixed on the rail. Depending on the configuration, you can cut it to adapt the length.

Rail height spacer mounting

Cat.No 3 382 40 :



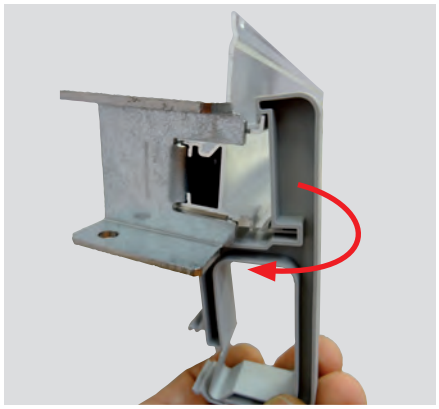


CABLING AND JUNCTION

For all your enclosures mountings, make sure to use the largest holes to fix the equipment. Smaller holes would be used for inserting anti-rotation stud.

1 HORIZONTAL WIRE GUIDE (Cat.No 4 052 25)

Fixing the horizontal wiring guide is a quick operation and no tools are required, you only need to clip it at the back of the rails. Cat.No 3 382 20, 3 382 23 and 3 382 26.



2 LINA 25 DUCT

You can associate Lina 25 duct with a rail to cut (thickness 15 mm Cat.No 0 477 23).

• First cut the rail:

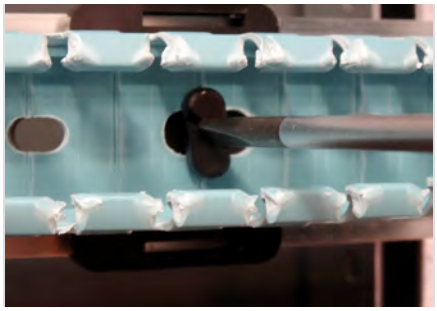
Enlosure 16 M	Enclosure 24 M	Enclosure 36 M
370 mm	520 mm	720 mm

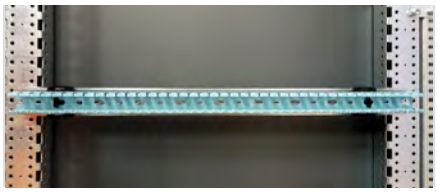
• Fix the rail on the rear structure's uprights with 2 auto-tapping screws, Torx S.30, tightening torque 8 N.m.

• Clip at least 2 Linafix accessories on the rail (Cat.No 0 366 40).

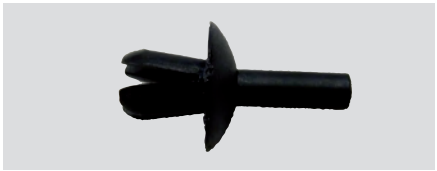
• Cut the Lina duct at the length you need while considering the possible use of the vertical duct.

•Drag the accessories to enable the locking in the duct's holes. Push the duct at the maximum to the rail then turn a quarter turn the accessory with a flat screw-diver (4 mm) to fix the whole.





It is possible to fix the duct on the rear uprights using insulating rivets Cat.No 0 200 80.



Use the largest holes on the uprights

2 ducts mounting (horizontal and vertical) :

3 WIRE NESH CABLE TRAYS

The latter can be installed vertically inside external cable sleeves. You need to use:

- A set of 2 functional uprights (1 ref. includes 2 uprights, 8 pipe-nuts and 8 crosshead screws):

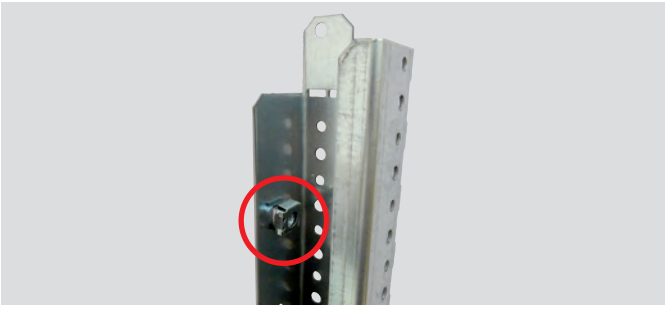
Cat.No	CABLE SLEEVE'S HEIGHT (MM)
3 379 86	750
3 379 87	900
3 379 88	1050
3 379 89	1200
3 379 90	1350
3 379 91	1500
3 379 92	1650
3 379 93	1800
3 379 94	1950
3 379 95	2100
3 379 95	2250

- **Cable trays**:
  Cat.No 0 464 69:

Length	Width	Thickness
3000 mm	215 mm (overall)	60 mm (overall)

+ crosspiece Cat.No 3 379 79 (at least 2)

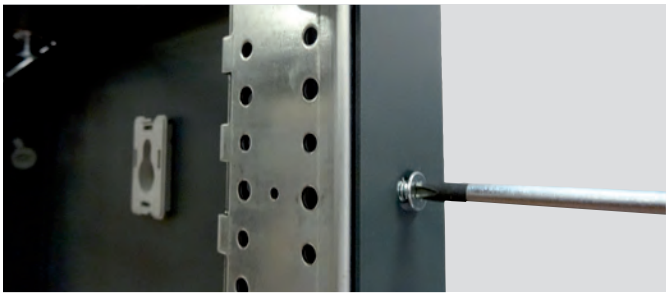
•Position the 8 pipe-nuts in the functional uprights' square holes.



• Remove the covers.

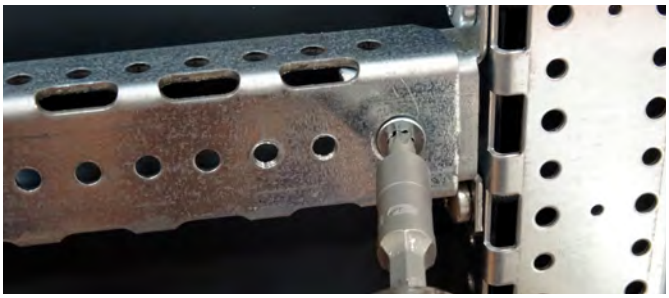
• Position the uprights, engage the screws and tighten, Philips n°1, tightening torque 5 N.m.

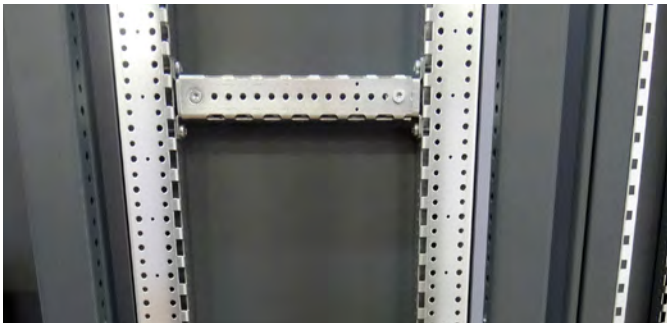
Upper screw-right side:



• Fix the crosspiece's brackets on the functional uprights, Torx S.30, tightening torque 8 N.m.

• Fix the crosspieces on the brackets, Torx S.30, tightening torque 8 N.m.





• Cut the cable tray at the length you need.

• Use the "U" shape parts provided with the cable tray to fix it on the cross-pieces. Use the auto-tapping screws (Torx S.30). Tighten until the middle part of the "U" shape part bottoms in the crosspiece. Your tray is now fixed. Use 2 "U" shape parts per crosspieces.

«U» shape parts given:

The same mounting is possible within a 16 modules enclosure using:

- **Cable tray**
  Cat.No 0 464 69:

Length	Width	Thickness
3000 mm	215 mm (overall)	60 mm (overall)

or

- Cable tray
  Cat.No 0 464 70:

Length	Width	Thickness
3000 mm	420 mm (overall)	65 mm (overall)

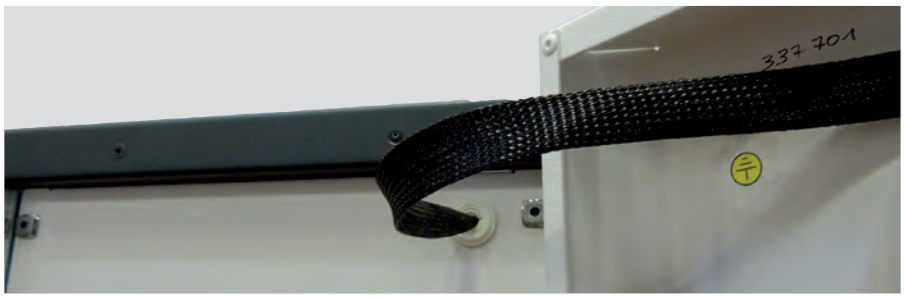
+ Crosspiece Cat.No 3 379 80

Fixing cables on the tray is possible when using Colson cable ties (adapted length and width).

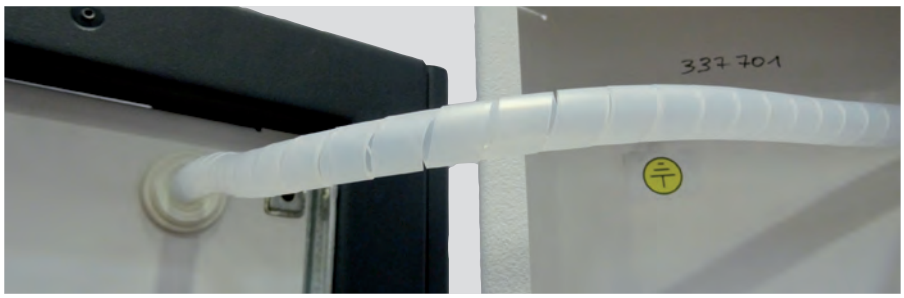
4 CABLE PASSAGE BETWEEN THE DOOR AND THE ENCLOSURE

You can use:

- Braided sleeve Lina 25: 0 366 38 (Ø 20 mm), length (50 m) 0 366 39 (Ø 30 mm), length (50 m).

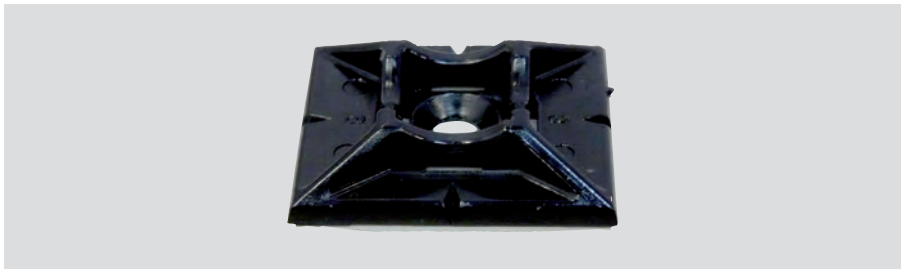


-Spiral sleeving: 6 361 78 (Ø 12 mm), 6 361 83 (Ø 22 mm).



The cabling passage inside the door can be released using these references associated with self-adhesive bases: Cat.No 0 320 65 (colorless), 0 320 67 (black) or 0 320 68 (black for large rings).

Example Cat.No 0 320 67:



5 CABLE ENTRY PLATES

Entries can be released using plates delivered with the enclosures (to be equipped with cable glands minimum IP 55).

Another option is to replace metallic plates with Cabstop (IP55) plates.

Do not forget to place your seal between the Cabstop plate and the enclosure to ensure the IP.

When using a rigid cable, do not strip the cable and insert it in the rubber entries.

When using a flexible cable, do beforehand the cable passage in the rubber entries with a screw-diver to get a larger passageway.

Example of the installation (top and bottom view)

6 TREATING PROTECTIVE CONDUCTORS

The main collector is used to link:

- The main protective conductor
- Circuits protective conductors
- Possibly the transformator's protective conductor
- Equipotential bondings

In XL³ S 630 enclosures, you can release this type of junction using the following solution (equipped with uprights

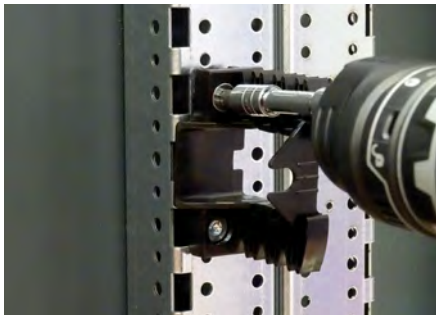
Cat.No 3 397 21):

• Terminal blocks (alone or IP 2X) mounted on a flat bar 12x2 mm

Cat.No 0 048 19

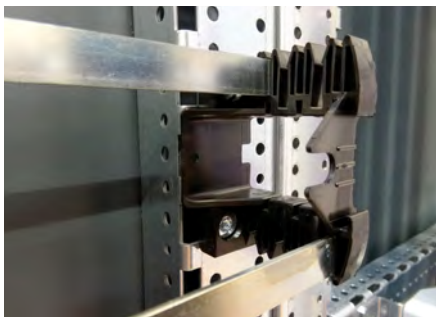
Uprights Cat.No 3 397 21

Fix the supports on the functional uprights using the 4 crosshead screws given.



Insert the flat bar(s) in the indicated spaces and clip the IP2X terminal blocks.

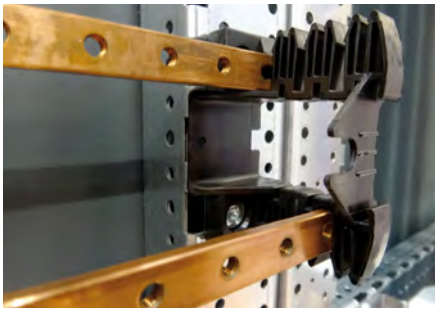
2 layers are available in the uprights: 2 mm and 4 mm.



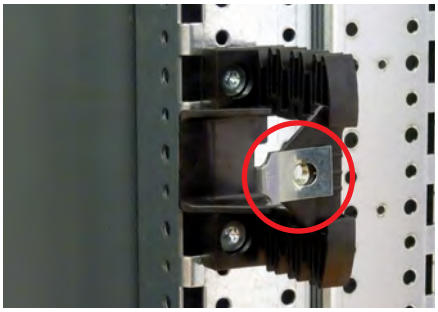
- brass bar for 24 Modules Cat.No 0 373 01
- brass bar for 36 Modules Cat.no 3 397 57

• copper bar with tapped holes Cat.No 0 373 89

Same mounting as the flat bar (0 048 19) but respecting the spacing: 4 mm.

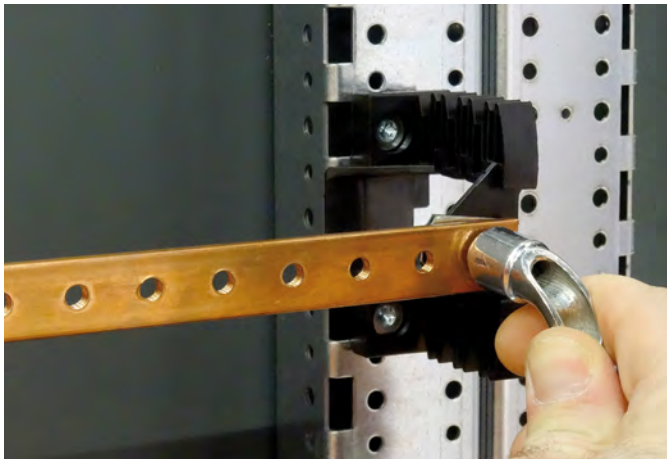


- copper bar 12 x 4 mm Cat.No 0 373 49: same mounting 0 373 89.
- copper bar with tapped holes 0 374 34/38. Use the clips given.



Only a 27 mm (width) bar is accepted

Fix the bar using the 2 screws given with the supports.



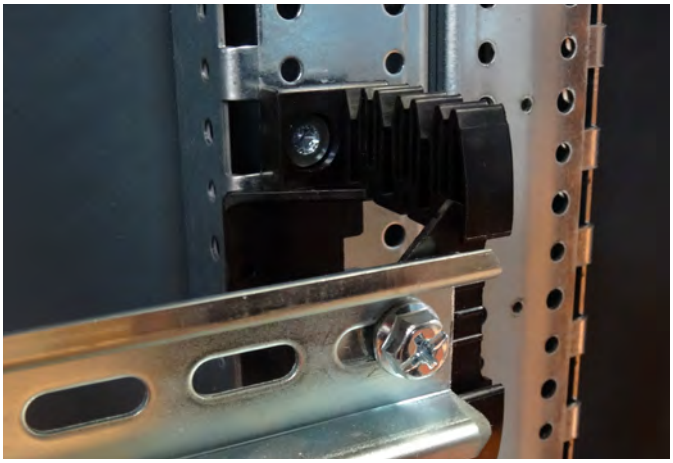
• Terminal blocks Viking mounted on a rail.

2 Cat.Nos are available:

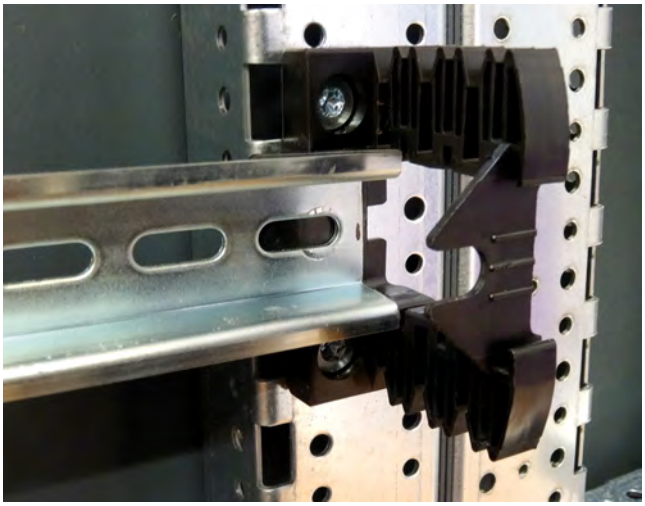
- 0 374 07, rail to be cut: trim 15 mm
- 0 477 23, rail to be cut: oblongs trim: 15 mm

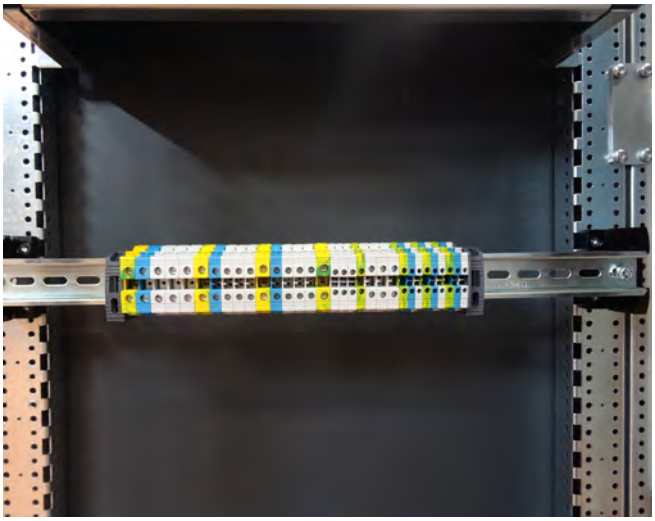
Then 2 mountings are now possible:

• Using clips/screws on the supports' front face.



• Inserting at the bottom of the supports respecting these steps: fix a support, insert the rail where indicated, insert the rail in the 2nd indicated notches of the support and then fix your 2nd support.





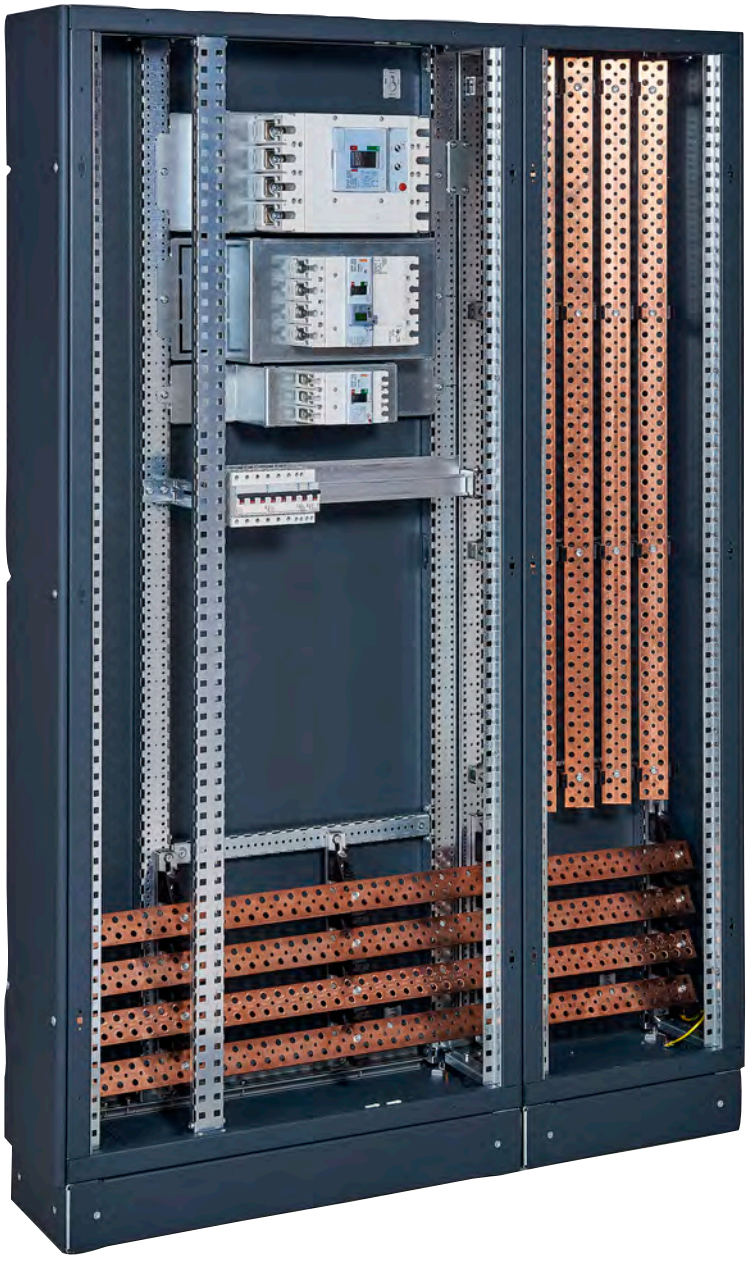
DISTRIBUTION SYSTEM

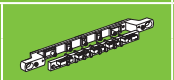
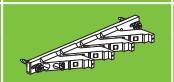
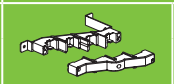
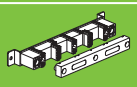
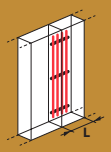
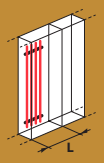
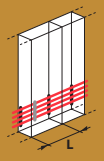
The XL³ S innovative distribution system enables to create several combinations of aligned and staggered set of busbars.

Thanks to a crosspiece system, installing busbars is now possible for each type of enclosure. Moreover, different position s are possible: at the bottom, sleeved, flat, staggered, vertical, horizontal crossing several enclosures joined together.

You can opt for aluminum or copper bars.

This system increases safety, speed and the optimization of the enclosure's volume.



MAXIMUM (A)			FLAT COPPER BARS			"SECTION" ALUMINIUM BARS	
			400		630	630	
POSITIONS \ SUPPORTS			 3 399 00	 3 399 01	 3 399 06	 3 399 02/03	 3 399 04/05
	VERTICAL AT THE BACK OF THE SLEEVE	L : 450 MM	3 399 00 + 3 379 80		3 399 06	3 399 02/03 + 3 379 80	
	VERTICAL AT THE BACK OF THE ENCLOSURE	L : 16 M					3 399 04/05 + 3 379 80
		L : 24 M		3 399 01 + 3 379 81			3 399 04/05 + 3 379 81
		L : 36 M		3 399 01 + 3 379 82			3 399 04/05 + 3 379 82
	HORIZONTAL AT THE BACK OF THE ENCLOSURE	EN GAINE L 350 MM	3 399 00 + 3 379 79 x 2 (1)		3 399 06 + 3 379 79 x 2 (1)	3 399 02/03 + 3 379 79 x 2 (1)	
		L : 16 M	3 399 00 + 3 379 80 x 2 (1)		3 399 06 + 3 379 80 x 2 (1)	3 399 02/03 + 3 379 80 x 2 (1)	
		L : 24 M	3 399 00 + 3 379 81 x 2 (1)		3 399 06 + 3 379 81 x 2 (1)	3 399 02/03 + 3 379 81 x 2 (1)	
		L : 36 M	3 399 00 + 3 379 82 x 2 (1)		3 399 06 + 3 379 82 x 2 (1)	3 399 02/03 + 3 379 82 x 2 (1)	

(1)Only when adding supports fixed between functional uprights (IPK's function targeted).

SET OF BUSBARS

For all your enclosures mountings, make sure to use the largest holes to fix the equipment. Smaller holes would be used for inserting anti-rotation stud.

■ Flat copper bars

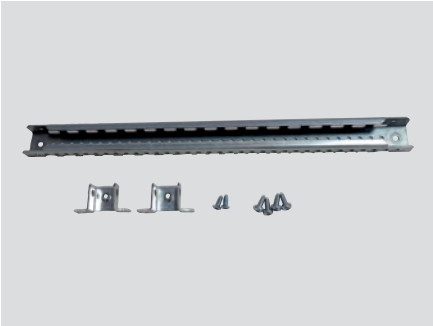
• Cat.No 3 399 01:

Aligned bars 400A maxi.

The installation is on the crosspiece Cat.No 3 379 81 (24M) or 3 379 82 (36M) to create a set of vertical busbars at the back of your enclosures (24M or 36M).

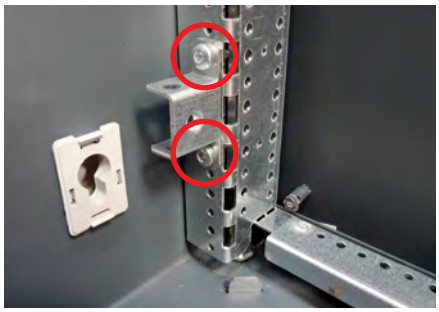
Composition Cat.No 3 399 01 :

Composition Cat.No 3 379 81 :



- First, position the crosspieces' fixing brackets on the functional uprights (2 screws/bracket, Torx key S.30, tightening torque 8 N.m.).

Right side - Enclosure:



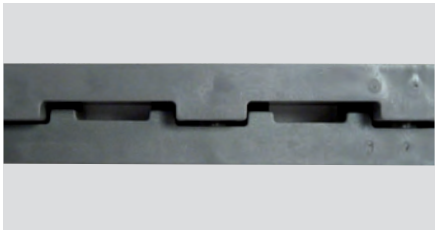
- Fix the crosspiece on the brackets (1 screw/bracket, Torx key S.30, tightening torque 8 N.m.).

- Fix the rear part of the support on the crosspiece using 2 big screws, 2 washers and 2 spacers (to position between the support and the crosspiece), Torx key S.30, tightening torque 8 N.m.

3 dimensions of copper bars are available: 18mm x 4mm (Cat.No 0 374 34), 25 mm x 5 mm (Cat. No 0 374 18), 32 mm x 5 mm (Cat.No 0 374 19).

18 mm x 4 mm (front view) :

18 mm x 4 mm (top view) :



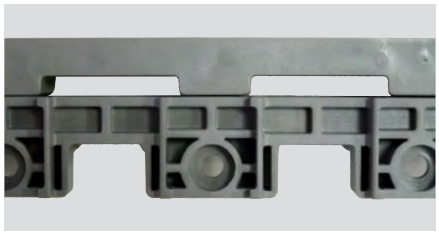
25 mm x 5 mm (front view :

25 mm x 5 mm (top view) :

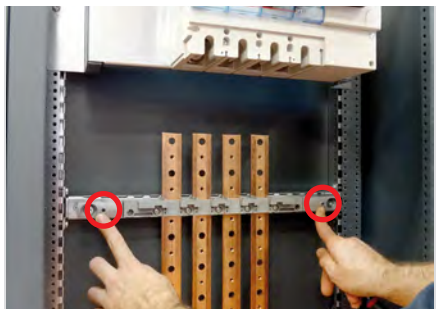
SOMMAIRE

32 mm x 5 mm (front view) :

32 mm x 5 mm (top view) :



- After having installed the supports, cut the bars where needed.
- Position the bars inside the supports, then position the front face respecting the good dimension of the bars (see above). Fix this 2nd part using 5 screws, PZ1.
- It is possible to fix a protective cover on the supports (Plexiglas or other) using 2 screws per supports, PZ1. Screws position:



Bars maximum intensity according to their dimensions and the enclosure's IP:

		I (A)	
		IP ≤ 30	IP > 30
(mm)	**0 374 34**[1] 18 x 4	245	200
	0 374 18[2] 25 x 5	330	270
	0 374 19[2] 32 x 5	450	400

(1) M6 6 Nm - **(2)** M6 7,5 Nm

Maximum distance between 2 supports according to bars dimensions and the Ipk:

		Ipk (kA)										
		10	15	20	25	30	40	50	60	70	80	
(mm)	**0 374 34**[1] 18 x 4	1000	700	550	400	350	250	200	200	150	150	(mm)
	0 374 18[2] 25 x 5	1200	1000	750	600	500	350	300	250	200	200	
	0 374 19[2] 32 x 5	1500	1200	950	750	650	450	400	300	250	250	

(1) M6 6 Nm - **(2)** M6 7,5 Nm

Space between the bars and the bottom of the enclosure : 45 mm.
Space between the crosspiece and the bottom of the enclosure: 10 mm.

• Cat.No 3 399 06:

Sloped bars 630 A/800 A

The installation can be released directly on:

- Functional uprights to create a set of ver tical bars at the back of the sleeve W 450 mm.
- Functional uprights to create a set of horizontal bars at the back of the enclosure. According to the IPK already defined, it is required to add interme-

diaries supports between functional uprights.

5 copper bars dimensions are available: 18mm x 4mm (Cat.No 0 374 34), 25 mm x 5 mm (Cat. No 0 374 18), 32 mm x 5 mm (Cat.No 0 374 19), 50 mm x 5 mm (Cat.No 0 374 40), 63 mm x 5 mm (Cat.No 0 374 41).

In this case, you need to add 2 crosspieces to fix them. These are the references:

3 379 79 : cable sleeves
3 379 80 : enclosures 16 M
3 379 81 : enclosures 24 M
3 379 82 : enclosures 36 M

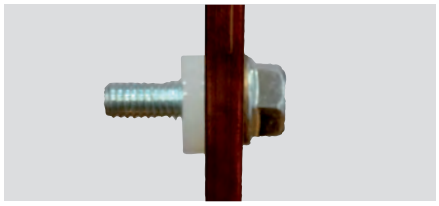
Composition Cat.No 3 399 06:

- Vertical busbars:

Fix the supports on the functional uprights using 2 screws, Torx key S.30, tightening torque 8 N.m.

- After having installed all the supports needed, cut the bars if needed.
- Then fix the bars on the supports using 4 screws per support, hexagonal socket 10 mm, tightening torque 7 N.m.

Position the plastic washers between the bars et the supports. Dimensions (bars): 50 mm x 5 mm, 63 mm x 5 mm.



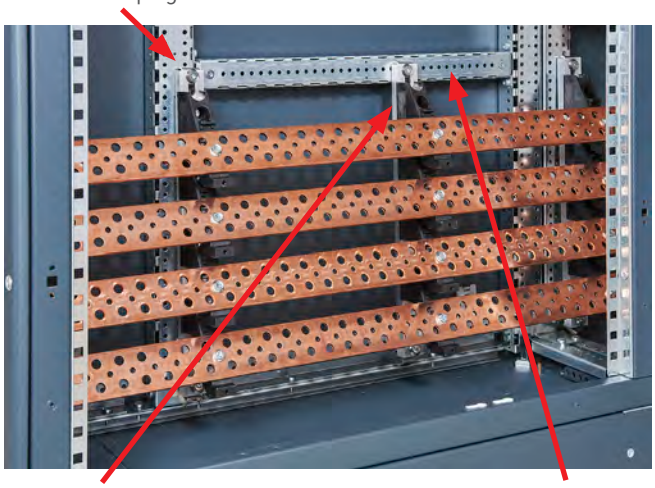
- Horizontal busbars:

The supports need to be fixed on the same way as in a vertical position (functional upright), 2 screws Torx S.30, tightening torque 8 N.m.

According to the IPK, it can be required to mount supports between functional uprights using crosspieces (references mentioned above). Fixing bars on supports is the same as the vertical version.

Mounting example:

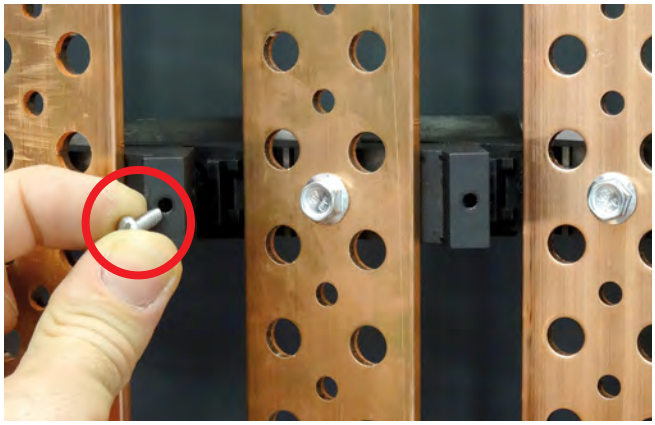
Functional upright



Intermediary support

Crosspiece

It is possible to fix a protective cover on the supports (Plexiglas or other) using 2 screws per supports, PZ1. Screws position:



SOMMAIRE

Bars maximum intensity according to dimensions, positions and the enclosure's IP:

		I (A)		I (A)	
		IP ≤ 30	IP > 30	IP ≤ 30	IP > 30
(mm)	**0 374 34**[1] 18 x 4	245	200	245	200
	0 374 18[2] 25 x 5	330	270	330	270
	0 374 19[2] 32 x 5	450	400	450	400
	0 374 40 50 x 5	700	630	630	550
	0 374 41 63 x 5	800	700	720	630

(1) M6 6Nm - **(2)** M6 7,5Nm

Maximum distance between 2 supports according to bars dimensions and the Ipk:

		Ipk (kA)											
		10	15	20	25	30	35	40	45	50	60	70	80
(mm)	**0 374 34**[1] 18 x 4	800	400	300	250	225	200	175	150	150	125	100	-
	0 374 18[2] 25 x 5	800	600	450	350	300	250	200	200	150	125	100	-
	0 374 19[2] 32 x 5	900	600	500	400	350	300	250	200	150	125	100	-
	0 374 40 50 x 5	-	700	600	500	400	350	275	225	200	150	150	100
	0 374 41 63 x 5	-	800	700	550	450	400	300	250	200	150	150	100

(mm)

(1) M6 6Nm - **(2)** M6 7,5Nm

• Cat.No 3 399 00:

Sloped and staggered bars 400 A maxi.

Installation via :

- Vertical busbars

Only for enclosure 16 M, same mounting as Cat.No 3 399 06 but add the crosspiece Cat.No 3 379 80 for each support mounting (respect the right position of each accessory). See mounting p.38. Center the supports on the crosspieces.

When fixing bars on supports use hexagonal head screws 10 mm, tightening torque 10 N.m.

- Horizontal busbars:

For all widths and including cable sleeves. According to the IPK, it may be required to add intermediary supports between functional uprights. In this case, add 2 crosspieces to fix them (see p.38). Here are the references needed:

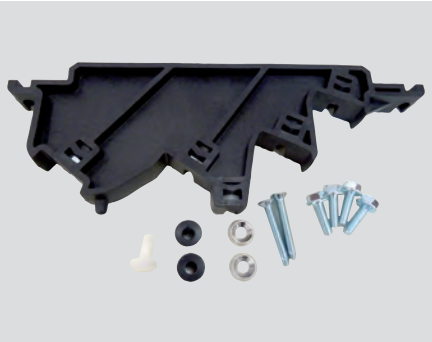
3 379 79 : cable sleeves

3 379 80 : enclosures 16 M

3 379 81 : enclosures 24 M

3 379 82 : enclosures 36 M

Composition Cat.No 3 399 00 :



4 copper bars dimensions are available:
18mm x 4mm (0 374 34), 25mm x 4mm (0 374 38), 25mm x 5mm (0 374 18) et 32 mm x 5 mm (0 374 19).

It is possible to fix a protective cover (Plexiglas or other) on the supports using 1 per support plastic screw, Flat screw-diver 6 mm.

Insulating protections can be positioned on bars (between the supports), which enables to increase the cable's section (especially equipped with connectors):

- No protection ⩽ 50mm²
- Protection → ⩽ 70mm²

Bars maximum intensity according to dimensions, positions and the enclosure's IP:

		I (A)		I (A)	
		IP ≤ 30	IP > 30	IP ≤ 30	IP > 30
(mm)	**0 374 34**[1] 18 x 4	245	200	245	200
	0 374 38[2] 25 x 4	280	250	280	250
	0 374 18[2] 25 x 5	330	270	330	270
	0 374 19 32 x 5	450	400	450	400

(1) M6 6 Nm - **(2)** M6 7,5 Nm

Maximum distance between 2 supports according to bars dimensions and the Ipk:

		Ipk (kA)										
		10	15	20	25	30	35	40	45	50	55	60
(mm)	**0 374 34**[1] 18 x 4	550	400	300	250	200	150	150	–	–	–	–
	0 374 38[2] 25 x 4	650	600	450	350	300	250	200	150	150	100	–
	0 374 18[2] 25 x 5	800	700	550	400	350	300	300	200	175	150	150
	0 374 19 32 x 5	900	800	700	500	400	350	300	200	100	100	–

(mm)

(1) M6 6 Nm - **(2)** M6 7,5 Nm

■ «Section» aluminum bars

• Cat.No 3 399 02/03:

Staggered 630 A maxi.

Installation:

- Vertically only an enclosure 16 M
- Horizontally for all widths including cable sleeves. According to the IPK, it may be required to add intermediary supports between functional uprights. In this case, add 2 crosspieces to fix them (see p.38). Here are the references needed:

3 379 79 : Cable sleeves

3 379 80 : enclosures 16 M

3 379 81 : enclosures 24 M

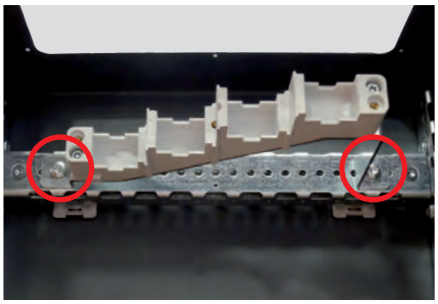
3 379 82 : enclosures 36 M

Composition Cat.No 3 399 02:

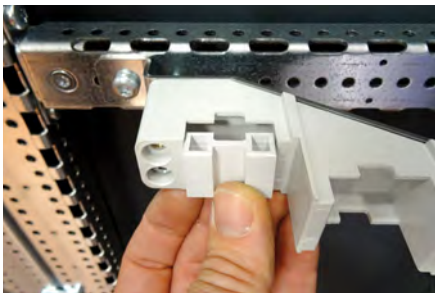
3 aluminum bars are available: Cat.No 4 044 30 (up to 320A*), Cat.No 4 044 31 (up to 500A*) and Cat.No 4 044 32 (up to 700A*).
***Installed in an enclosure with an IP ≤ 30**

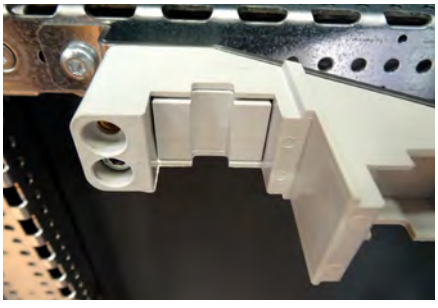
- Vertical busbars :

Fix the rear part of the supports on the crosspieces Cat.No 3 379 80 (See p.38, using 2 screws, Torx key S.30, tightening torque 8 N.m. Make sure to center the supports.



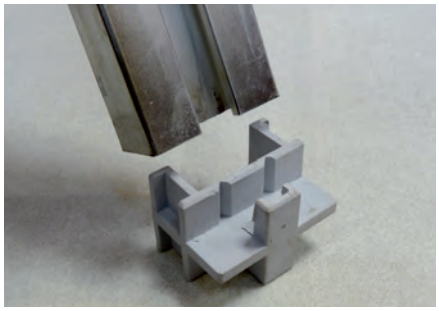
- After having installed all the required supports, position the plastic parts in the supports except the ones corresponding to Cat.No 3 399 03, at the bottom of the enclosure:

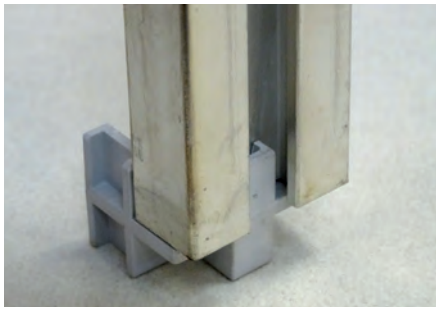




- If needed, cut the aluminum bars

- Take the aluminum bars and insert the plastic parts in the hub support. Pay attention to the position:





- Then, attach the bars with all the supports.
- Fix the front face parts of all the supports using 3 screws per support, Allen key 4 mm, tightening torque 7 N.m.

- Horizontal busbars:

Supports are directly fixed on the functional uprights, 2 screws per support, Torx S.30, tightening torque 8 N.m.

According to the IPK, it may be required to add intermediary supports between functional uprights. In this case, add crosspieces to fix them (see p.38).

Fixing busbars on the supports is the same as the vertical mounting.

Bars maximum intensity according to dimensions, positions and the enclosure's IP:

		I (A)		I (A)	
		IP ≤ 30	IP > 30	IP ≤ 30	IP > 30
	4 044 30	320	250	320	250
	4 044 31	500	400	500	400
	4 044 32	700	630	700	630

Maximum distance between 2 supports according to bars dimensions and the Ipk:

		Ipk (kA)											
		10	15	20	25	30	35	40	45	50	60	70	80
	4 044 30	1600	1200	800	600	400	350	300	250	250	-	-	-
	4 044 31	1600	1200	800	650	500	450	400	350	300	250	175	100
	4 044 32	1600	1200	800	650	500	450	400	350	300	250	175	100

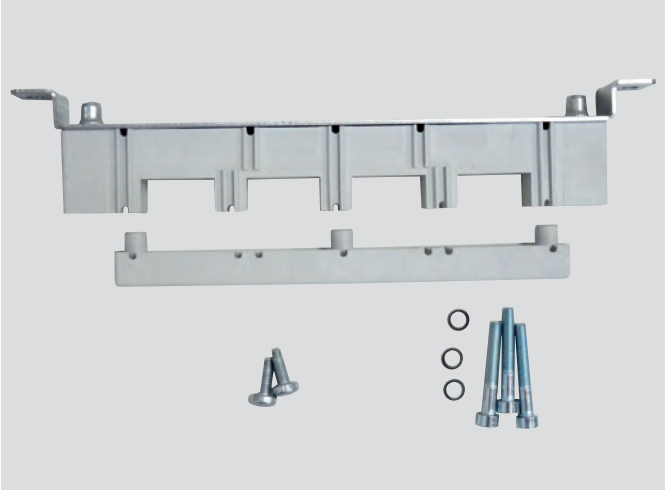
(mm)

• Cat.No 3 399 04/05 (talon) :

Aligned bars 630 A maxi.

The installation can be released vertically at the back of the enclosure (16M, 24M, 36M) using crosspieces Cat.No 3 379 80 (16M), Cat.No 3 379 81 (24M), Cat.No 3 379 82 (36M).

Composition Cat.No 3 399 04 :

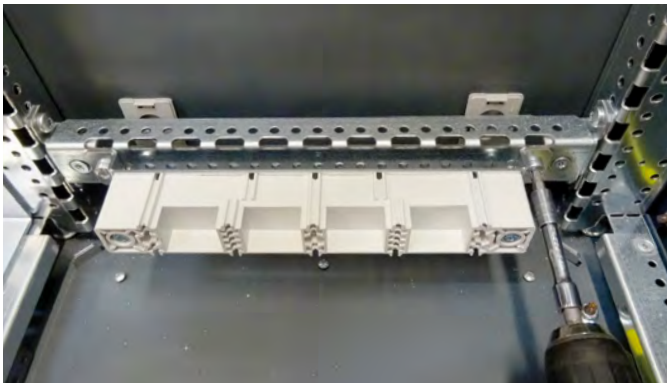


3 aluminum bars are available: Cat.No 4 044 30 (up to 320A*), Cat.No 4 044 31 (up to 500A*) and Cat.No 4 044 32 (up to 700A*).

***Installed in an enclosure with an IP ≤ 30**

- Install all the crosspieces needed on the functional uprights (see page. 38).
- Fix the rear part of the supports on the crosspieces making sure to position the hub support (3 399 05) on the last crosspiece at the bottom of the enclosure. 2 screws per support, Torx key S.30, tightening torque 8 N.m. Make sure to center the supports.

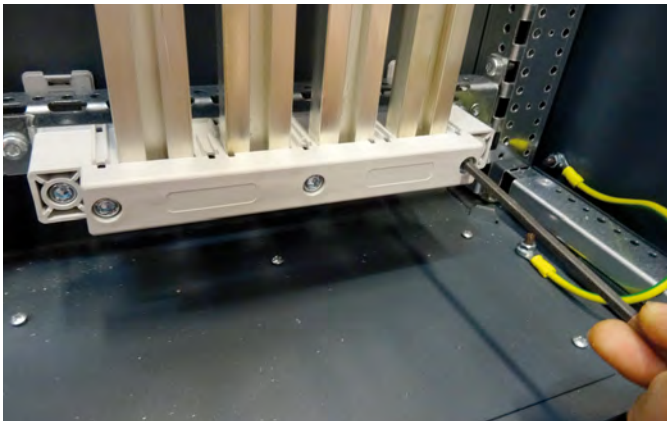
Mounting example: the rear part of the hub support:



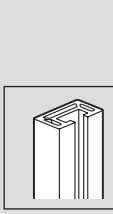
- If needed, cut the aluminum bars.

-Position the aluminum bars leaning on the hub support, then attach them on the other supports.

-Fix all the front face parts of the supports using 3 screws per support, Allen Key 5 mm, tightening torque 7 N.m.

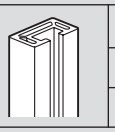


Bars maximum intensity according to dimensions, positions and the enclosure's IP:

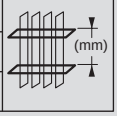


	I (A)	
	IP ≤ 30	IP > 30
4 044 30	320	250
4 044 31	500	400
4 044 32	700	630

Maximum distance between 2 supports according to bars references and the Ipk:



	Ipk (kA)											
	10	15	20	25	30	35	40	45	50	60	70	80
4 044 30	1600	1200	800	600	400	400	300	300	250	-	-	-
4 044 31	1600	1200	800	650	525	525	400	400	300	250	175	100
4 044 32	1600	1200	800	650	525	525	400	400	300	250	175	100



Space between the bars and the bottom of the enclosure : 74 mm.
Space between the crosspiece and the bottom of the enclosure: 10 mm.

OTHER ACCESSORIES

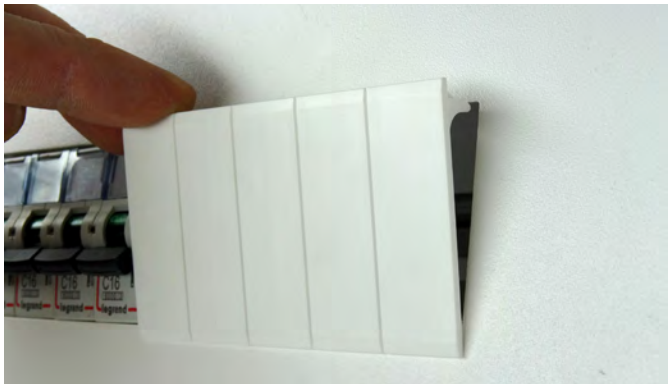
BLANKING PLATES

5 MODULES (Cat.No 0 016 60)
24 MODULES (Cat.No 3 397 54)

Blanking plates enable to fill XL³ S 630 faceplates modular windows.
You can use 5 Modules blanking plates Cat.No 0 016 60, white RAL9003, scored in a half-module.
You can also use 24 Modules blanking plates Cat.No 3 397 54.

■ **Mounting example: blanking plate Cat.No 0 016 60:**

First, insert the lower part of your blanking plate in the modular window



Clip the upper part pushing towards the faceplate

■ **Mounting example: blanking plate Cat.No 3 397 54**

Insert whether the upper or lower part of your blanking plate in the modular window

Clip the other part pushing towards the faceplate

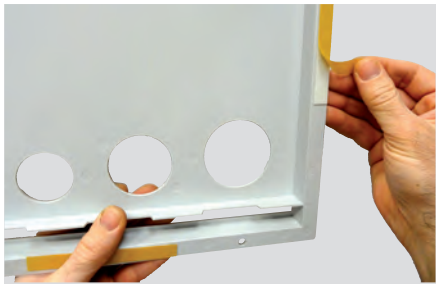
OPEN DOCUMENT HOLDER

OPEN WIDTH. 340X235 (Cat.No 0 365 80)
OPEN WIDTH. 260X165 (Cat.No 0 365 81)
CLOSE IP50 WIDTH. 324X120 (Cat.No 0 365 82)
FLEXIBLE WIDTH. 305X220 (Cat.No 0 097 99)

Self-adhesive open document holders enable to keep inside your enclosure the electric plans, technical sheets, installation instructions among others. The latter are fixed inside the enclosure, on the door.

■ **Mounting example: document holder:**

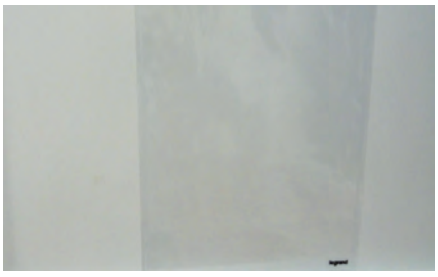
Take off the plastic protection from the double-sided adhesives positioned at the back of your holder. Then, stick it onto the door.



Cat.No 0 365 80, 0 365 81 :

Cat.No 0 365 82 :

Cat.No 0 097 99 :



■ **Faceplate's label holders**

More than label-holders on our products, you can have a 24 modules self-adhesive label holder to clip Cat.No 3 397 55 and 36 modules Cat.No 3 397 56. Those products are delivered with a label sheet.

ENCLOSURES
SHIPPING AND HANDLING

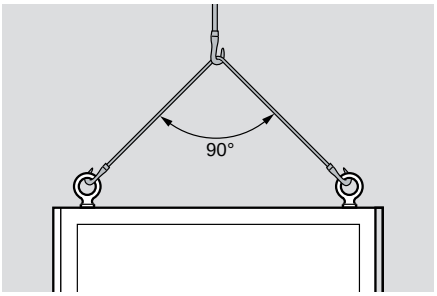
Enclosures' handling can be carried out using a lifting truck or lifting rings M12 (Cat.No 0 205 82). Before any operation, for enclosures standing next to each other, you must secure the process using a twinning kit Cat.No 3 379 49 (Mounting p. 15).

■ Handling via a lifting truck

Then you will be able to take off your bases sides to enable the insertion of the lift truck forks. This type of handling requires an extreme caution regarding the enclosure not to fall. Suitable precautions should be taken.

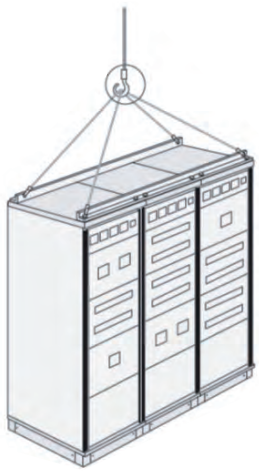
■ Handling via lifting rings

Lifting rings are usually used to lift enclosures to a width of less then 2m. It is recommended to ensure the angle formed by cables is below 90°. It is required to check if the maximum load (lift trucks+cables) is sufficient.



■ Lifting enclosures via angle crosspieces

When units of width of more than 2 m or when units contain heavy elements, handling operations can be done using angle crosspieces. It is recommended to ensure cables and lifting machines are appropriate. Ensure the angle formed by cables is below 90°.



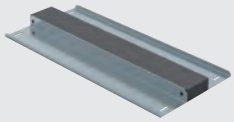
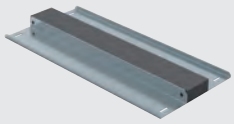
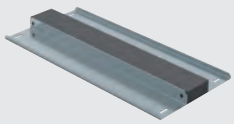
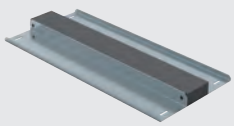
Enclosures already equipped shall preferably be shipped "flat". Avoid stacking.

Protect your enclosures once mounted and equipped using the reusable packaging.

Enclosures can also be shipped in a vertical position, back-to-back, on a pallet, considering all the precautions needed (dunnage and strapping).

SPARE PARTS & ACCESSORIES

XL³ S enclosures have several registered spare parts and accessories.

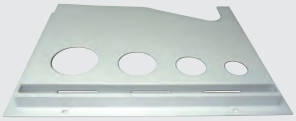
CAT.NO	DESIGNATION	CONTENT	
3 379 49	XL³ S 630/4000 Joining kits		1 link plate, 3 flat plates, 16 auto-tapping screws
3 379 50	XL³ S 630/4000 Joining screws		8 screws, 2 nuts, 6 cage-nuts
3 379 51	IP43 Kit		1 roll (10 m)
3 379 52	XL³ S 630 Wall fixing lugs		2 brackets
3 379 54	XL³ S 630 CS Foam gasket cable entry plate		x 1
3 379 55	XL³ S 630 16 M Foam gasket cable entry plate		x 1
3 379 56	XL³ S 630 24 M Foam gasket cable entry plate		x 1
3 379 57	XL³ S 630 36 M Foam gasket cable entry plate		x 1
3 382 20	DIN Rail 3 pos. 16 M for XL³ S		1 rail, 2 brackets, 2 fixing brackets, 4 auto-tapping screws

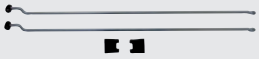
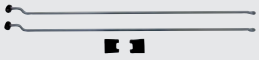
CAT.NO	DESIGNATION	CONTENT	
3 382 23	DIN Rail 3 pos. 24 M for XL³ S		1 rail, 2 brackets, 2 fixing brackets, 4 auto-tapping screws
3 382 26	DIN Rail 3 pos. 36 M for XL³ S		1 rail, 2 brackets, 2 fixing brackets, 4 auto-tapping screws
3 382 40	Rail height spacer: DPX³ + modular devices		x 1
3 382 41	Rail height spacer + modular devices		x 1
3 382 42	DPX³ rail adaptor + DRX		x 1
3 382 43	Universal rail 16 M		1 rail, 2 brackets, 2 FB, 2 auto-tap. screws, 4 nuts 4 metric screws
3 382 44	Universal rail 24 M		1 rail, 2 brackets, 2 FB, 2 auto-tap. screws, 4 nuts 4 metric screws
3 382 45	Universal rail 36 M		1 rail, 2 brackets, 2 FB, 2 auto-tap. screws, 4 nuts 4 metric screws
3 397 00	100 auto locking clips for faceplate		x 100

CAT.NO	DESIGNATION	CONTENT	
3 397 01	100 screws - 1/4 turn for faceplate		100 screws + 100 cage-nuts
3 397 02	100 screws for faceplate		100 screws, 100 clips, 100 washers + 25 claws
3 397 11	Handle for XL³ S 630 <=1200 mm		1 handle 1 clip
3 397 12	Handle for XL³ S 630 >=1350 mm		1 handle, 2 circlips + 1 plastic cover
3 397 16	Handle for XL³ S 630 type 405 <=1200 mm		1 handle 1 clip 2 keys
3 397 17	Handle for XL³ S 630 type 405 >=1350 mm		1 handle 2 circlips 2 keys
3 397 21	Earth busbar support		2 supports, 2 clips, 4 crosshead screws + 2 metric screws
3 397 30	Crosspieces for external cable sleeves		2 crosspieces 4 fixing brackets 8 auto-tapping screws
3 397 31	Crosspieces for 16 M enclosures		2 crosspieces 4 fixing brackets 8 auto-tapping screws

SOMMAIRE

CAT.NO	DESIGNATION	CONTENT	
3 397 37	Crosspiece for internal cable sleeves		1 crosspiece 2 fixing brackets 4 auto-tapping screws 2 flat and crossheads
3 397 51	Universal support vertically sloped cable sleeves		3 perforated plates 3 sloped plates 3 vis dome heads 3 pipe-nuts 3 metric screws 6 auto-tapping screws 3 metric nuts
3 397 53	Equipotential bonding conductor		x 1
3 397 54	Blanking plate 24 M		x 1
3 397 55	Self-adhesive label holder 24 M		1 label holder 1 sheet of labels
3 397 56	Self-adhesive lable holder 36 M		1 label holder 1 sheet of label
3 397 57	Brass bar 36 M		x 1
3 397 58	Duct fixing brackets		2 brackets 2 auto-tapping screws 3 dome head or metric screws 2 metric nuts 4 plastic rivets
0 205 82	Lifting rings M12		x 4

CAT.NO	DESIGNATION	CONTENT	
0 365 80	Self-adhesive open doc. holder- width. 340 x H. 235 grey RAL 7035		x 1
0 365 81	Self-adhesive open doc. holder - width. 260 x H. 165 grey RAL 7035		x 1
0 365 82	Self-adhesive close doc. holder- IP 50 - 324x120x18 mm grey RAL 7035		x 1
0 097 99	Flexible plastic cover - 305 x 220 mm - transparent		x 1
0 016 60	Blanking plates 5 modules White RAL 9010		1 blanking plate 5 modules
0 373 01	Brassbar 24 M		1 brass bar 24 M, 2 FB , 2 cage-nuts, 2 screws 2 lock washers, 2 spacers 2 marking stickers
0 477 12	Nut clips for M6 screws		x 50
9 809 00	Self-tapping screw Torx T30		x 50
9 809 04	XL³ S 630/4000 door hinge		1 hinge, 1 axle, 1 screw M6 + 1 cage-nut

CAT.NO	DESIGNATION	CONTENT	
9 809 06	Linking system doors H1350mm		2 links H1350 mm + 2 supports
9 809 07	Linking system doors H1500mm		2 links H1500 mm 2 supports
9 809 08	Linking system doors H1650mm		2 links H1650 mm 2 supports
9 809 09	Linking system doors H1800mm		2 links H1800 mm 2 supports
9 809 10	Linking system doors H1950mm		2 links H1950 mm 2 supports
9 809 11	Linking system doors H2100mm		2 links H12100 mm 2 supports
9 809 12	Linking system doors H2250mm		2 links H2250 mm 2 supports
9 809 15	Locking system link		1 locking system link H55mm, 2 rings + 1 closure screw
9 809 17	XL³ S 630 Door's locking hook		1 locking hook, 1 M6 screw + 1 cage-nut
9 809 20	Cage-nuts		x 50

Notes

To know more,

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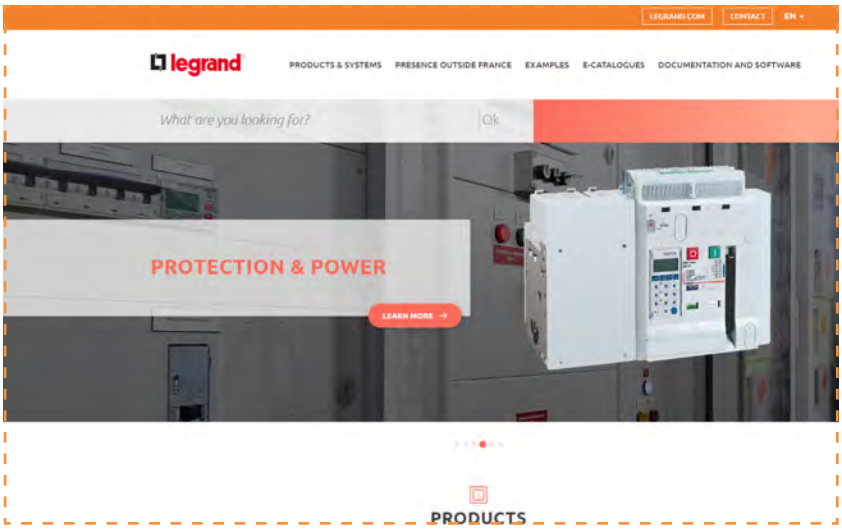
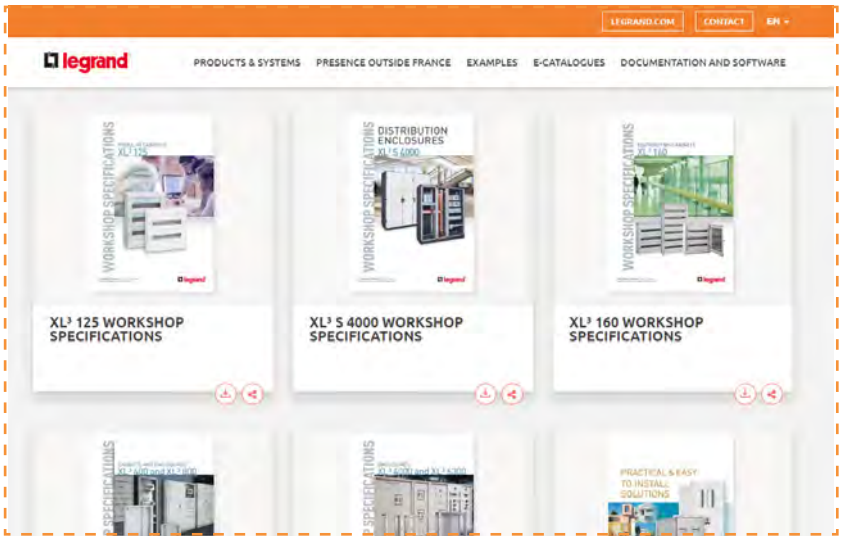
All technical data of the products inside this workshop specifications book are available on : **https://www.export.legrand.com/en**

>Click on >DOCUMENTATION & SOFTWARE



>Documentation



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