NEW XL³ 125 CABINET

Now it's so easy



UP TO 125 A

1 TO 4 ROWS OF 18 MODULES

legrand®

Optimised wiring for maximum ease of installation and time-saving

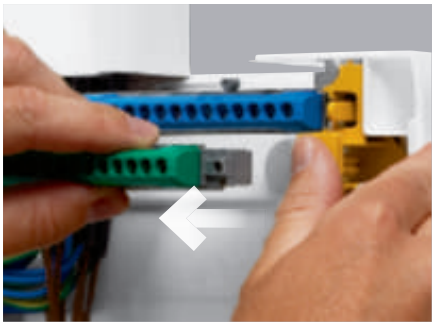
WIRING ON-SITE

The XL³ 125 cabinet makes on-site installation easy, with the 3 functions opposite:





I Tool-free removable rail
Rails can be removed individually in a single movement, and without any tools, for easier cable routing.



II Plug-in earth terminal block
Tool-free removal of the earth terminal block for easier cable routing.



III Removable cable entry plate
The cable entry plate can be removed without using any tools, to allow direct cable entry.

WIRING ON-SITE (CONTINUED)

Cable connection is easy, simply tilt the chassis up or down according to the direction of cable entry.





Tool-free pivoting chassis
Unlock the chassis with a single action - no tools required.



Integrated fittings for cable ties
Cables can be anchored without any additional accessories. The fittings for cable ties are incorporated at the back of the cabinet, saving both time and materials.

WIRING IN THE WORKSHOP

You can also prepare your installation flat with the chassis out of the cabinet.



Easy to install, maintain and use

EASY ACCESS

The faceplate can be removed one row at a time, or the whole cover can be taken off, depending on the extent of the work to be carried out inside the cabinet: wiring or maintenance.



OR





Faceplate
The faceplate can be removed one row at a time; fixed with ¼ turn screws.

ALIGNING THE COVER

Positioning the cover is simplicity itself.
The alignment system ensures the cover is correctly positioned in relation to the back of the cabinet, preventing incorrect fitting.





RAIL/FACEPLATE MARKING

Each rail and each faceplate can be marked for easy positioning on the chassis or for quicker re-assembly after maintenance.





Faceplate marking
Each faceplate can be marked for even faster mounting.

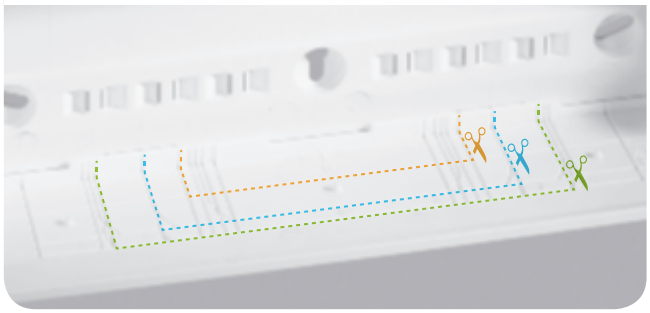


Rail marking
Each rail can be marked for easy positioning on the chassis.

CABLE ENTRY PLATE

The cable entry plate can be removed in a single action. With the various markings and cut-outs you can adjust the wall trunking entry point in the cabinet.







The cabinet is compatible with the most commonly used sizes of wall truning available on the market

Easy to install, maintain and use (continued)

FULLY REVERSIBLE

The base, chassis, faceplate and door are all fully reversible, ensuring you have a faultless finish whatever the location.





TOTAL FLEXIBILITY WHEN FITTING THE DOOR

The door has a temporary fixing system to make installation as easy as possible.



Temporary fixing
The door hinges are simply clipped onto the cover.



Awaiting final fixing
The door is held in place with no additional support before it is finally fixed with screws.



Final fixing
It is finally fixed by screwing in the 2 cover screws.

FIXING CENTRES MARKED

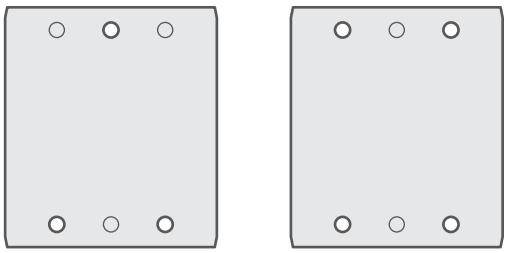
The fixing centres (horizontal and vertical) are marked directly on the base of the cabinet.
No need for any additional drilling template.



CHOICE OF MOUNTING

The fixing holes are pre-cut and positioned so that it is easy to adjust the position of the cabinet on the wall.





"Hanging" fixing (1 point in the centre, 2 points at the bottom), adjustable "peripheral" fixing (4 fixing points).

DOCUMENT HOLDER

The self-adhesive document holder can be fixed directly on the cabinet's bottom faceplate.



MARKING THE CIRCUITS

Each circuit can be clearly marked on the faceplate using the self-adhesive labels supplied with the cabinet.



Total adaptability for your projects up to 125 A

EQUIPMENT IN THE CABINET



XL³ 125 cabinets are designed to be suitable for the widest variety of applications on your sites in the residential and small business sectors.
They can take a wide range of equipment, such as:
- DPX 125 MCCBs
- Signis control units
- Mosaic sockets



Modular equipment
Modular equipment can be fixed directly on the DIN rails in the cabinet.



DPX 125
DPX 125 MCCBs can be fixed on the DIN rail, placed in a low position.



Control units
The plain faceplate can take Signis control and signalling units.



Perforated plate
The perforated plate is used for easy integration of non-modular equipment (electronic control box).



Mosaic™ wiring accessories
The optional fixing accessory enables Mosaic mechanisms to be incorporated on either side of the cabinet.

VERTICAL OR HORIZONTAL JOINING SYSTEM

It is easy to expand the capacity of the consumer unit with the joining kit which can be used to join cabinets horizontally or vertically.





Joining kit (horizontal or vertical)



Horizontal joining of two cabinets of the same capacity



Vertical joining of two different capacity cabinets

NEAT DESIGN



Handle
Integrated handle, door snaps shut. Can be locked using the optional key lock.



Doors
The doors are available in opaque or transparent versions for perfect integration in all locations.



XL³ 125
surface mounting distribution cabinets from 18 to 72 modules



4016 79 4016 78 4016 77 4016 76



4016 79 + 4018 64



4016 77 + 4018 72



4018 45 4018 51



4018 56



4018 44



4018 50

Technical characteristics (see opposite)

IP 40 - IK 09 with door
IP 30 - IK 09 without door
Class II
Self-extinguishing: resistance to incandescent wire 650°
Conform to IEC 60439-3 and IEC 60670-24

Surface-mounting distribution cabinets

Capacity 18 modules per row
White RAL 9003
Fully reversible cabinet (base, door and faceplates)
Supplied with:
- removable and pivoting chassis with ⊔ rails fitted. Rails can be individually removed for easy cabling on site
- removable cable entry plate (top and bottom)
- removable faceplates (for each row)
- IP 2X screw terminal blocks for neutral and earth
- blanking plates (5 modules, separable per module or 1/2 module)
- 1 sheet of self-adhesive labels for circuit identification (marking per module)

Spacing between rails 150 mm
Adjustable ⊔ rail (2-position) for fitting modular equipment or DPX 125 moulded case circuit breakers
Can be fitted with perforated plates and solid faceplates for mounting non-modular products (2, 3 to 4-row cabinets)
Doors to be ordered separately

Pack	Cat.Nos	Number of rows	Number of modules	Height (mm)	Width (mm)	Depth (mm)
1	4016 76	1	18	300	450	128
1	4016 77	2	36	450	450	128
1	4016 78	3	54	600	450	128
1	4016 79	4	72	750	450	128

Doors - IP 40 - IK 09

For XL³ 125 distribution cabinets
Fully reversible
Can be equipped with lock and key n° 850
Cat.No 4018 51

Pack	Cat.Nos	
		White RAL 9003
1	4018 61	For distribution cabinet Cat.No 4016 76
1	4018 62	For distribution cabinet Cat.No 4016 77
1	4018 63	For distribution cabinet Cat.No 4016 78
1	4018 64	For distribution cabinet Cat.No 4016 79
		Transparent
1	4018 71	For distribution cabinet Cat.No 4016 76
1	4018 72	For distribution cabinet Cat.No 4016 77
1	4018 73	For distribution cabinet Cat.No 4016 78
1	4018 74	For distribution cabinet Cat.No 4016 79

Accessories

Pack	Cat.Nos	
		Key lock
2	4018 51	To be fitted on white or transparent doors Supplied with key N° 850
		Horizontal or vertical joining kit
2	4018 45	For joining 2 cabinets
		Fixing lugs
1	4018 56	Set of 4 wall fixing lugs
		Document holder
2	4018 44	Self-adhesive document holder for plans To be fitted on the cabinet
		Blanking plates Separable per module or 1/2 module
20	016 60	5 modules - white RAL 9003
		Plain faceplates
2	4018 55	For 2, 3 or 4-rows cabinets Allow fitting of non-modular equipments such as control and signalling units
		Perforated plates To be used instead of the one ⊔ rail when integrating non-modular products
1	4018 53	For 18 modules cabinets. Height 150 mm
		Fixing accessory for Mosaic wiring devices
5	4018 50	For fixing 2-module mechanisms on the side of the cabinet

Bold pack quantities: Minimum quantities to be ordered

XL³ 125
surface mounting distribution cabinets from 18 to 72 modules

■ Number of connections per neutral and earth terminal block (supplied with enclosure)

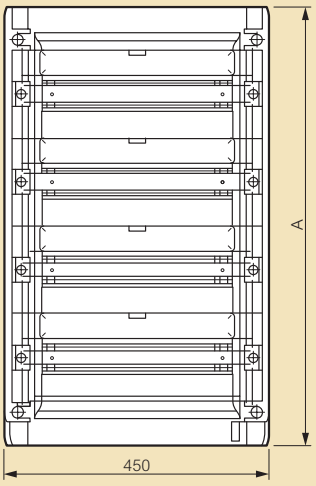
Enclosure Cat.Nos	Neutral terminal blocks Screw connection		Earth terminal blocks Screw connection	
	6 - 25 mm²	1.5 - 16 mm²	6 - 25 mm²	1.5 - 16 mm²
4016 76	1	17	1	17
4016 77	1	21	1	21
4016 78	1	26	1	26
4016 79	1	34	1	34

■ Number of blanking plates supplied per enclosure

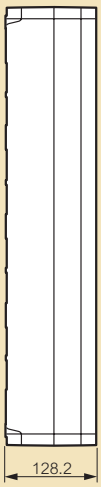
Enclosure Cat.Nos	Number of blanking plates 5 modules
4016 76	1
4016 77	2
4016 78	3
4016 79	3

■ Dimensions

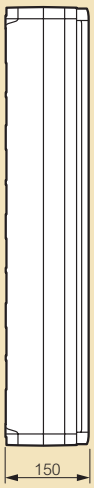
Front view



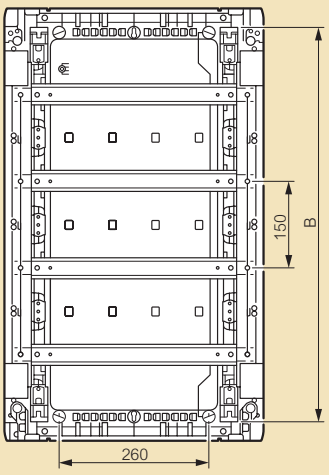
Side view without door



Side view with door



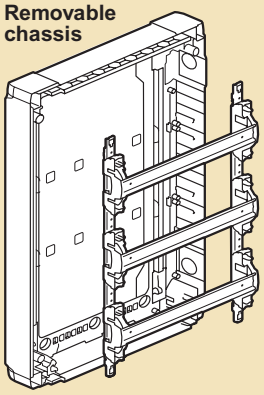
Fixing centres and distance between rails



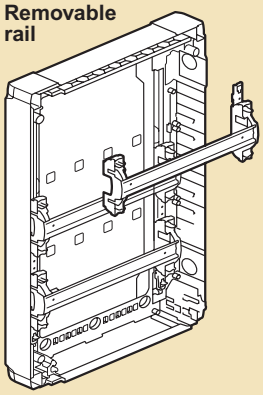
Enclosure Cat.Nos	A (mm)	B (mm)
4016 76	300	250
4016 77	450	365
4016 78	600	515
4016 79	750	665

■ Removable and pivoting chassis

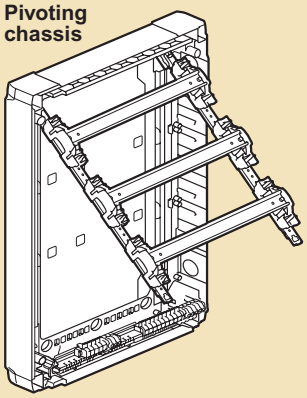
Removable chassis



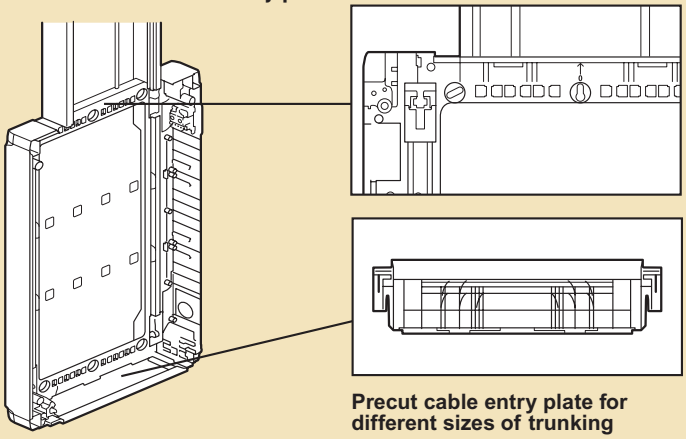
Removable rail



Pivoting chassis



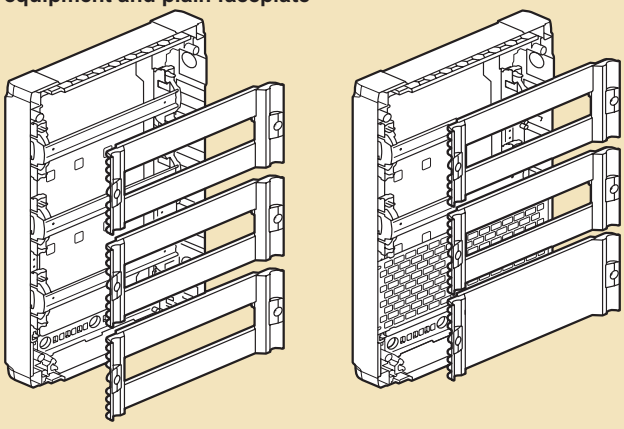
■ Removable cable entry plate



Precut cable entry plate for different sizes of trunking

■ Removable faceplate

Cabinet with rails, perforated plate, faceplates for DIN-rail equipment and plain faceplate



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