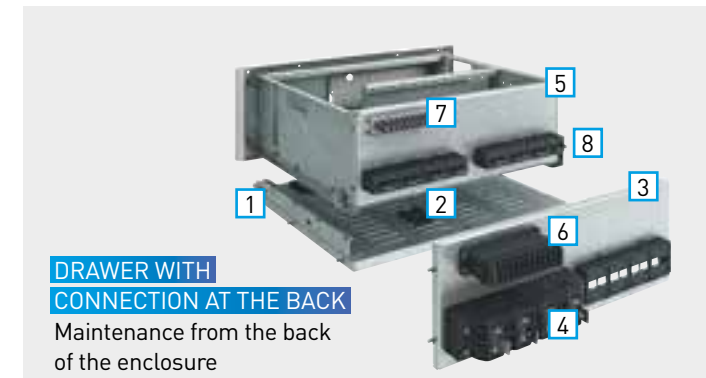
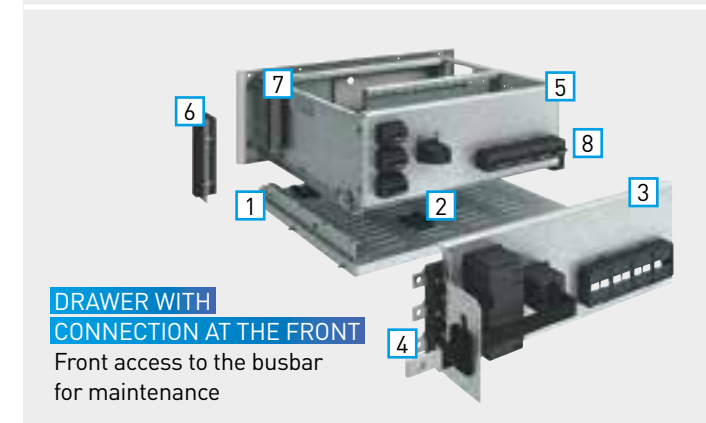


THE CHOICE OF CONNECTION

In addition to an unlimited number of XL³ DO enclosure configurations, you can choose between two types of drawer connection, and access to the busbars from the front or back of the electrical switchboard.



DRAWER WITH CONNECTION AT THE BACK
Maintenance from the back of the enclosure



DRAWER WITH CONNECTION AT THE FRONT
Front access to the busbar for maintenance

- 1 Fixed plate with alignment system
- 2 Mechanical locating system ensures only the specific associated drawer can be inserted
- 3 Fixed rear plate with terminals
- 4 Connection terminals for outgoing cables
- 5 Mobile drawer takes the protection devices
- 6 Drawer with connection at the back: terminal block for the auxiliaries
- 7 Mobile part of the terminal block for the auxiliaries. Fixes to the enclosure chassis
- 8 Connection piece to the drawer busbars (power supply)

SPECIFICATION

GENERAL DATA	
Application	Distribution Motor control centre
Increased safety (IS)	UP to IS333
Environment (Degree of pollution)	3
Access for maintenance (position of busbar)	Front Back
Type of panels	Fixed cubicles Withdrawable panels Incoming panels
Installation	Indoor

ELECTRICAL DATA		
Voltage	Max rated insulation voltage (Ui)	1000 V ⁽¹⁾
	Voltage Rating (Ue)	400 V +/-10%
	Rated frequency	50/60 Hz
Current	Rated impulse withstand Voltage (Uimp)	12 kV ⁽¹⁾ FOR ACB (Incomer) / 8 kV FOR MCCB
	Auxiliary circuit rated voltage	24 V DC / 110 V AC/DC, 230 V AC
	Rated current (In)	6300 A
Internal Arc	Horizontal busbar rating	6300 A
	Vertical busbar rating	4000 A
	Rated 1s short-term current (Icw)	100 kA
	Rated peak current (Ipk)	220 kA
Internal Arc	Protection of people against internal arcs	85 kA 0,3s
	Class	A

MECHANICAL DATA	
Form of separation level	Up to form 4
Degree of protection against solid objects & ingress of water (IP code)	30 / 40 / 43 / 54
Degree of protection against external mechanical impacts (IK code)	10

(1): Tests in progress

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NEW DRAW-OUT ENCLOSURES

XL³ DO

A flexible, reliable & scalable solution



EXEMPLES OF CONFIGURATIONS

XL³

NEW CONFIGURABLE ENCLOSURES FIXED AND DRAW-OUT VERSIONS

DO

The new XL³ DO enclosures provide excellent continuity of service, impeccable safety and total flexibility thanks to a choice of customised configurations and a drawer system.

Conforming to standard IEC 61439-2, XL³ DO enclosures also feature internal arc withstand (IEC 61641) and earthquake-resistant technology (up to AG5), which means they can be installed in highly critical industrial projects. The wide choice of columns offers an unlimited number of XL³ DO enclosure configurations, so you can optimise and adapt your solutions to different types of environment. This is also beneficial when it comes to integration in any technical room.

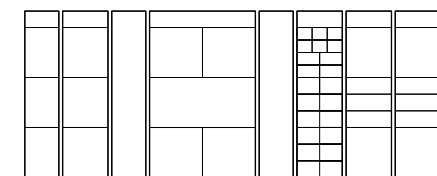
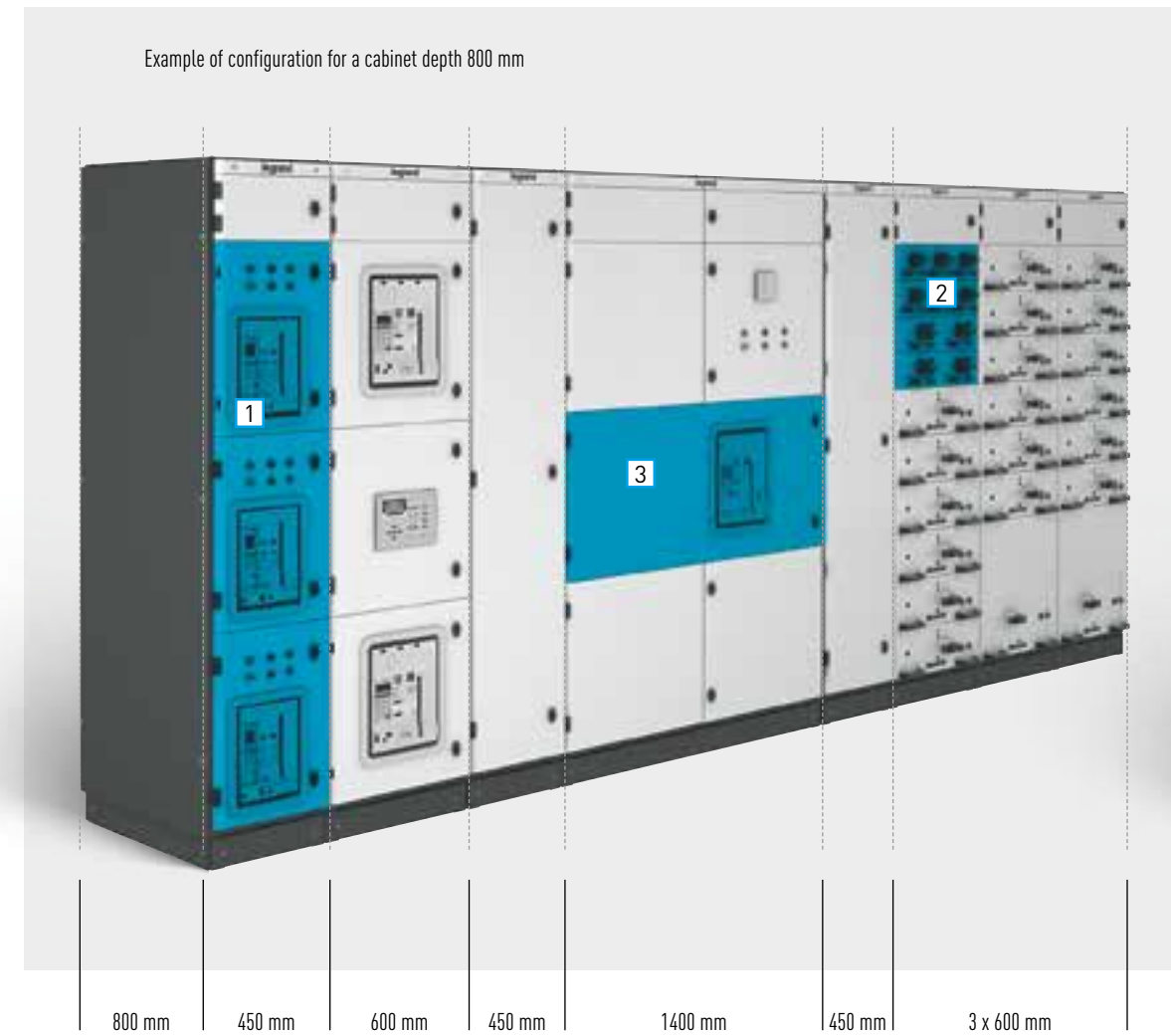


COLUMNS DIMENSIONS (mm)	
Height (external without plinth)	2000 / 2200 / 2400
Width (external with panels)	350 / 450 / 600 / 800 / 1000 / 1400
Depth (external with panels)	400 / 600 / 800 / 1000 / 1200

XL³ DO ENCLOSURES HAVE BEEN DESIGNED FOR PERFECT SYNERGY WITH THE VARIOUS LEGRAND PROTECTION DEVICES (MCCBS, ISOLATING SWITCHES, MEASUREMENT CONTROL UNITS, ETC)

Flexibility, modularity, optimisation

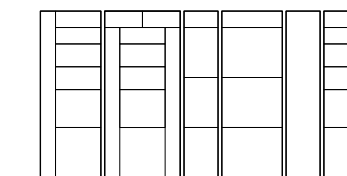
Wide range of drawers available in rear access but also in real front access (with direct access on cables from front): easy maintenance.



- 1 Can take up to 3 DMX³ air circuit breakers size 1600 in 450 mm width column.
- 2 Can take 2 to 3 drawers per row in 600 mm width column.
- 3 Can take DMX³ air circuit breaker size 6300.

Flexibility, easy maintenance

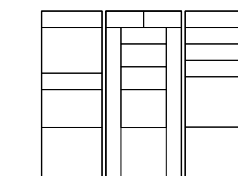
Front access: easier maintenance when panels are along/against the wall.



- 1 Flexible solution of internal cable sleeve: full height.
- 2 Flexible solution of internal cable sleeve: partial height.
- 3 4 Can take DMX³ air circuit breakers sizes 1600, 2500 and 4000.

Convenience, modularity, compact size

The most compact solution on the market!



- 1 2 "Butterfly" solution: ideal for transportation and compact solution with incoming (1) and outgoing (2) chambers in one column.
- 3 Partial door for an easier access.