

XL³-N 250,
simply
efficient
and safe



NEW DISTRIBUTION BOARDS
UP TO 250 A

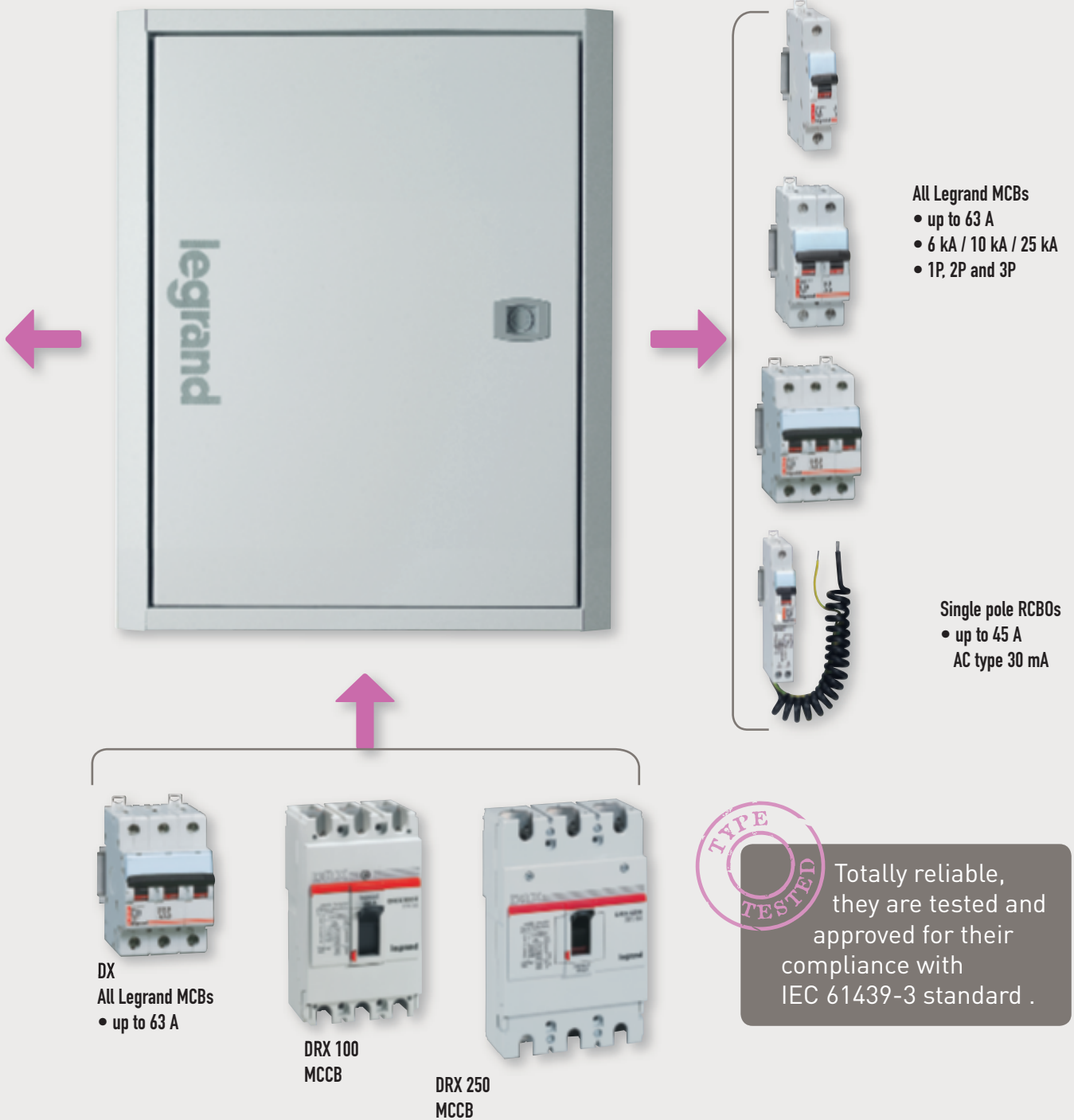
 **legrand**[®]

A comprehensive and reliable range for successful site management using just 30 catalogue numbers ...

The new XL³ -N 250 enclosures provide the convenience of a comprehensive range with a minimum of catalogue numbers to meet the efficiency needs of any professional.

Ideal for both commercial and residential environments, they are easy to use, combining easy assembly with great configuration flexibility thanks to their fixing kits and modular fittings.





Up to 8 sizes
of enclosure to meet
the full range of requirements

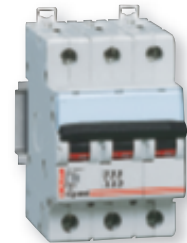
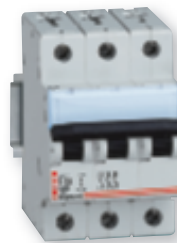


Easy implementation: **fixing kits**

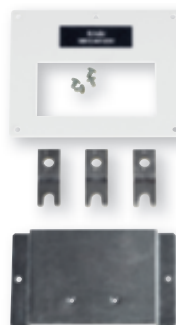
They can be used for installing all main circuit-breakers on the busbar in three quick and easy steps. Only three catalogue numbers are enough to cover all the professional's needs in terms of circuit breakers: MCBs up to 63 A and 100 A or 250 A MCCBs.



Kit⁽¹⁾ for the entire range of Legrand DIN-rail mounting circuit-breakers up to 63 A



DRX 100 A kit⁽¹⁾

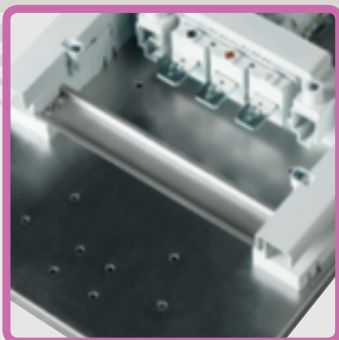


DRX 250 A kit⁽¹⁾



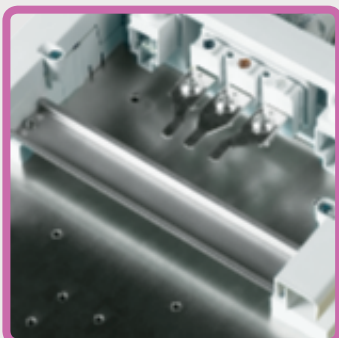
MCBs up to 63 A:

1



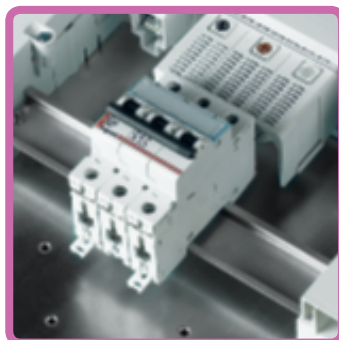
Step 1:
Fixing the rail on the support frame plate.

2



Step 2:
Fitting the terminals at the end of the busbar.

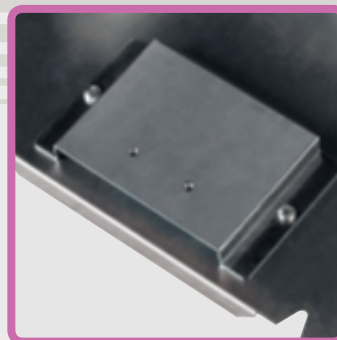
3



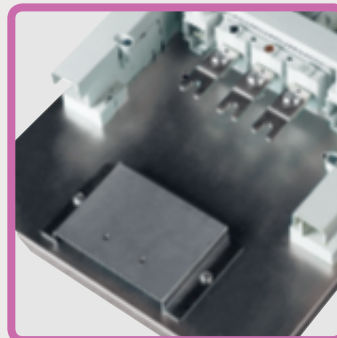
Step 3:
Fixing the DIN-rail mounting circuit-breaker.

ON A RAIL

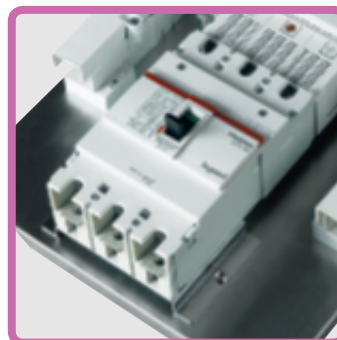
DRX 100 A and 250 A MCCBs:



Step 1:
Fixing the plate on the base of the enclosure.



Step 2:
Fitting the terminals at the end of the busbar.



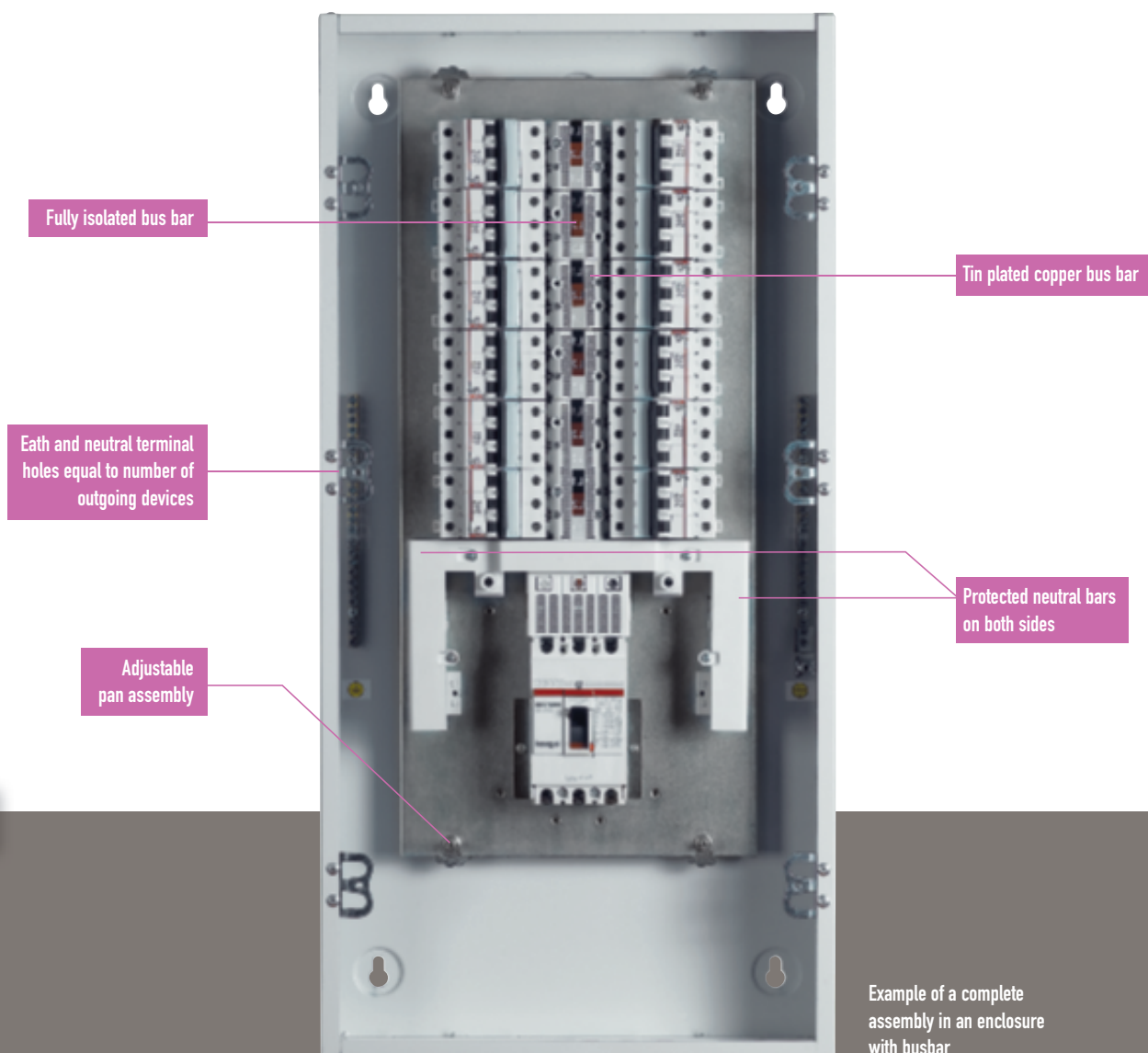
Step 3:
Fixing the DRX MCCB.

ON A PLATE

Increased security, ergonomics and adaptability: the busbar

Insulation, labelling, corrosion resistance, terminal shields...

There's no disguising the busbar's qualities which can adapt to each configuration with its 2 existing sizes (125 A and 250 A).

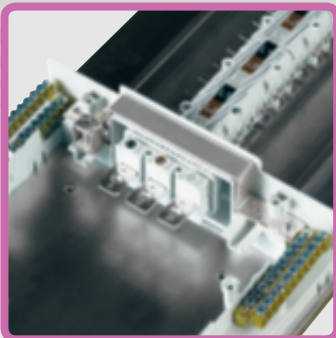


4

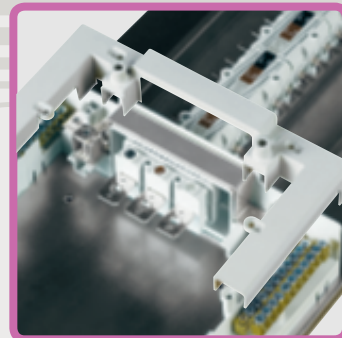


Eco-friendly

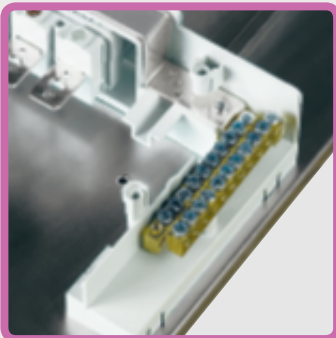
No excess copper consumption as the busbar is always sized according to the max. rating of the main circuit-breaker



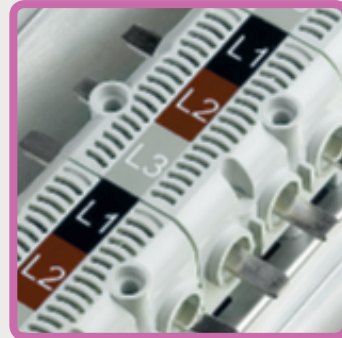
Neutral equally distributed on both sides of the distribution box



Perfect safety thanks to the insulating shields covering the neutral terminal



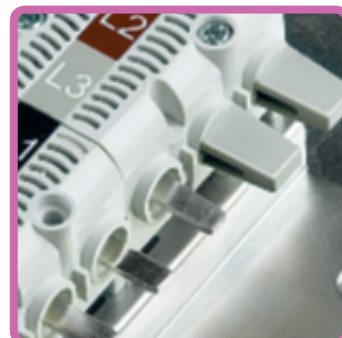
Terminal block holes equal to the number of outgoing devices



Holes for ventilation and labelling system of the terminals for phase identification.



Brass earth terminal on the side of the distribution box. Insulated earth available as an option.

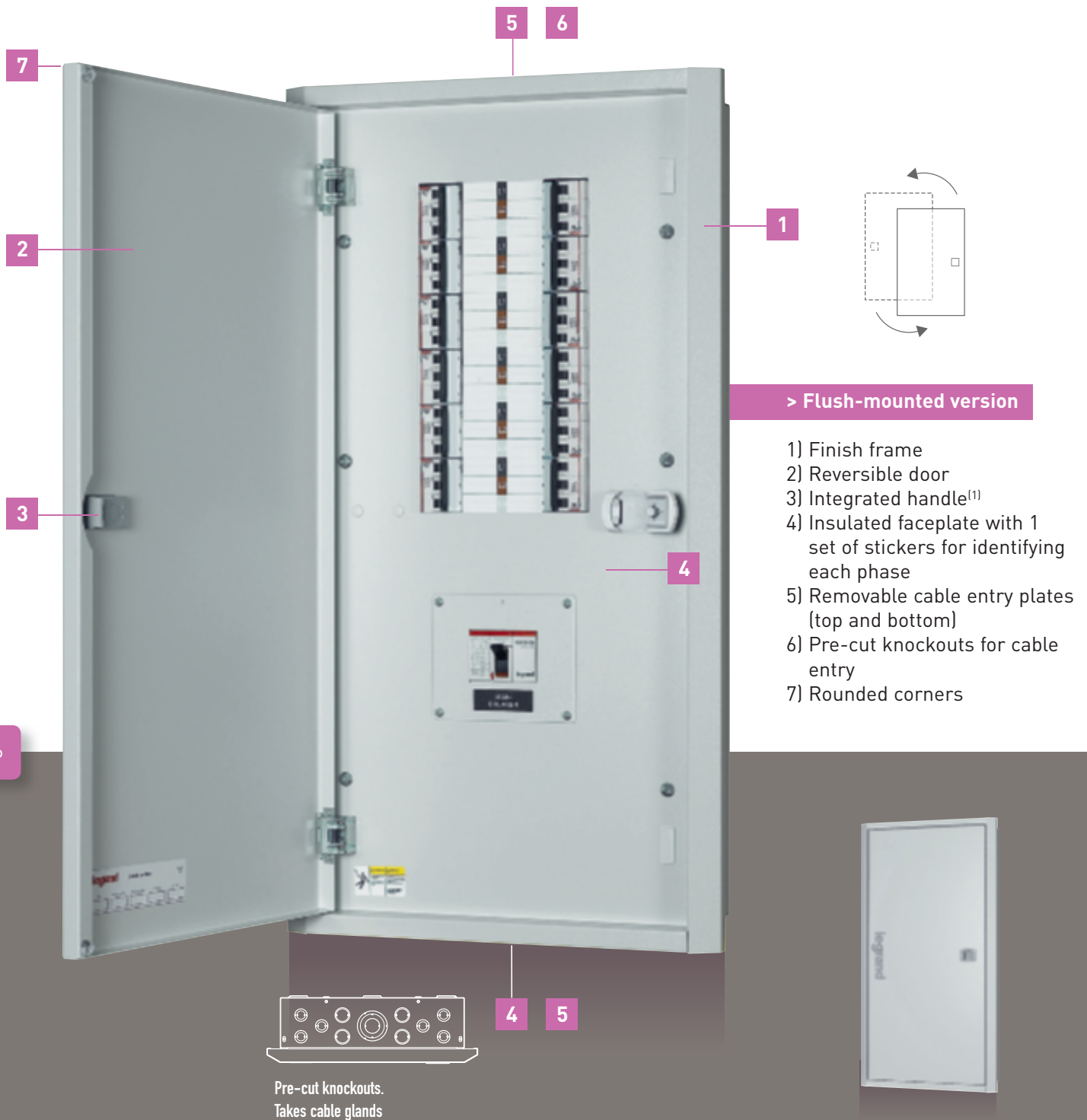


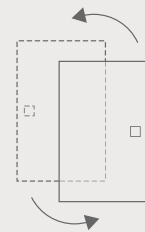
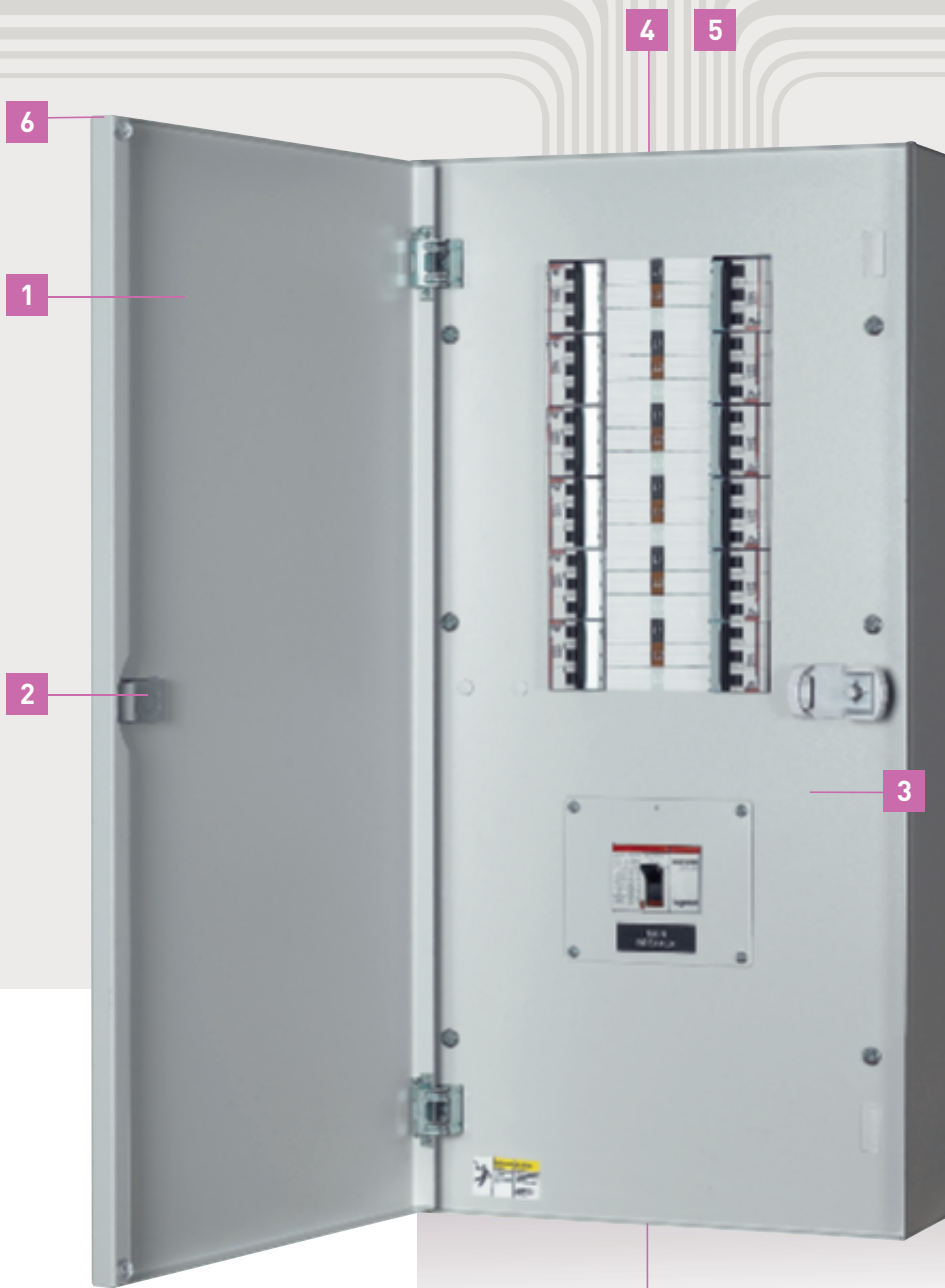
Terminal shields for outputs not in use

Aesthetics with a modern design

An impeccable finish for this new range of distribution boards.

Made entirely of metal, they combine smooth corners with easier handling thanks to the reversible doors and easier cable access.





> Surface-mounted version

- 1) Reversible door
- 2) Integrated handle⁽¹⁾
- 3) Insulated faceplate with 1 set of stickers for identifying each phase
- 4) Removable cable entry plates (top and bottom)
- 5) Pre-cut knockouts for cable entry
- 6) Rounded corners



Pre-cut knockouts
Takes cable glands

7



⁽¹⁾ Please consult us for key lock version

XL³ - N 250 3-phase distribution boards

from 12 to 54 poles



3-phase distribution boards for DIN-rail mounting circuit breakers; IP 40 - IK 08 with door
 Conform to standard IEC 61439-3; Type tested; ASTA certified
 Maximum voltage 480 V_~; Rated short-time withstand current (I_{cw}): 17 kA 0.2 s; Rated peak withstand current (I_{pk}): 34 kA
 Ambient temperature: 50 °C continuously
 Zinc coated metal; Grey RAL 7035
 Supplied with: surface or flush-mounting box, reversible door with handle, faceplate, fully isolated tin plated copper busbar, earth and neutral distribution terminal blocks; The number of holes of earth and neutral terminal blocks are equal to the number of outgoing devices

Pack	Cat.Nos	Flush-mounting distribution boards
		Maximum rating 125 A To be equipped with mounting kit for main circuit breaker (DIN-rail mounting MCBs or DRX 100 MCCBs)
		No of poles (outgoing terminals)
1	6 024 50	12
1	6 024 51	18
1	6 024 52	24
1	6 024 53	30
1	6 024 54	36
1	6 024 55	42
1	6 024 56	48
1	6 024 57	54
		Maximum rating 250 A To be equipped with mounting kit for main circuit breaker (DIN-rail mounting MCBs, DRX 100 or DRX 250 MCCBs)
		No of poles (outgoing terminals)
1	6 024 58	18
1	6 024 59	24
1	6 024 60	30
1	6 024 61	36
1	6 024 62	42
1	6 024 63	48
1	6 024 64	54

Pack	Cat.Nos	Surface-mounting distribution boards
		Maximum rating 125 A To be equipped with mounting kit for main circuit breaker (DIN-rail mounting MCBs or DRX 100 MCCBs)
		No of poles (outgoing terminals)
1	6 024 70	12
1	6 024 71	18
1	6 024 72	24
1	6 024 73	30
1	6 024 74	36
1	6 024 75	42
1	6 024 76	48
1	6 024 77	54

Pack	Cat.Nos	Surface-mounting distribution boards (continued)
		Maximum rating 250 A To be equipped with mounting kit for main circuit breaker (DIN-rail mounting MCBs, DRX 100 or DRX 250 MCCBs)
		No of poles (outgoing terminals)
1	6 024 78	18
1	6 024 79	24
1	6 024 80	30
1	6 024 81	36
1	6 024 82	42
1	6 024 83	48
1	6 024 84	54

Pack	Cat.Nos	Accessories
		Mounting kits for main circuit breakers Consisting of fixing device (DIN rail or fixing plate) faceplate and connection terminals
1	6 024 90	For DIN-rail mounting MCBs
1	6 024 91	For DRX 100 MCCBs
1	6 024 92	For DRX 250 MCCBs
		Fixing supports for terminal blocks Kit consisting of 2 insulated fixing supports for terminal blocks for earth
1	6 024 93	
		Insulating caps For protecting unused outgoing terminals of the busbar
20	6 024 94	
		Blanking plate RAL 7035 Separable into modules or 1/2 modules
10	0 016 65	18 modules

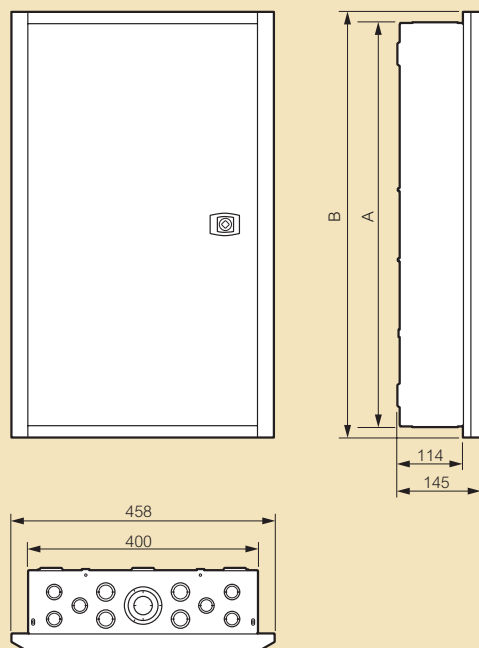
XL³ - N 630 distribution boards

Please consult us

XL³ - N 250 3-phase distribution boards from 12 to 54 poles

■ Dimensions

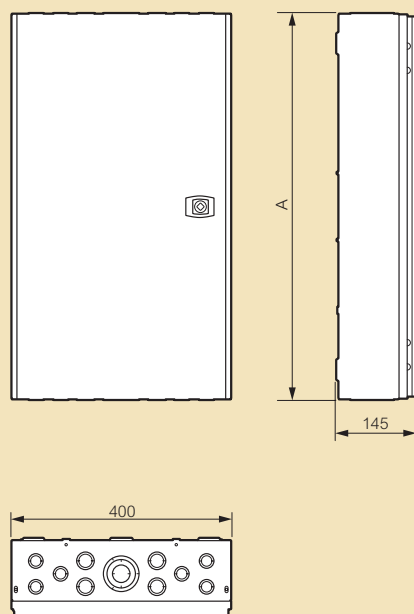
Flush-mounting distribution boards



Cat.Nos	Number of poles	Dimensions (mm)	
		A	B
6 024 50	12	594	633
6 024 51/58	18	648	687
6 024 52/59	24	702	741
6 024 53/60	30	756	795
6 024 54/61	36	810	849
6 024 55/62	42	864	903
6 024 56/63	48	918	957
6 024 57/64	54	972	1011

Number of knockouts (top and bottom)	Size of the knockouts		
	Ø18 / Ø27 mm	Ø27 / Ø32 mm	Ø32 / Ø52 / Ø65 mm
	6	4	1

Surface-mounting distribution boards



Cat.Nos	Number of poles	Dimensions (mm) A
6 024 70	12	594
6 024 71/78	18	648
6 024 72/79	24	702
6 024 73/80	30	756
6 024 74/81	36	810
6 024 75/82	42	864
6 024 76/83	48	918
6 024 77/84	54	972

Number of knockouts (top and bottom)	Size of the knockouts		
	Ø18 / Ø27 mm	Ø27 / Ø32 mm	Ø32 / Ø52 / Ø65 mm
	6	4	1



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