

XL³-N 250,
simply
efficient
and safe



NEW DISTRIBUTION BOARDS
UP TO 250 A

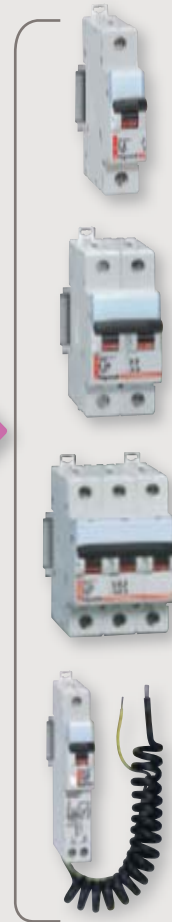
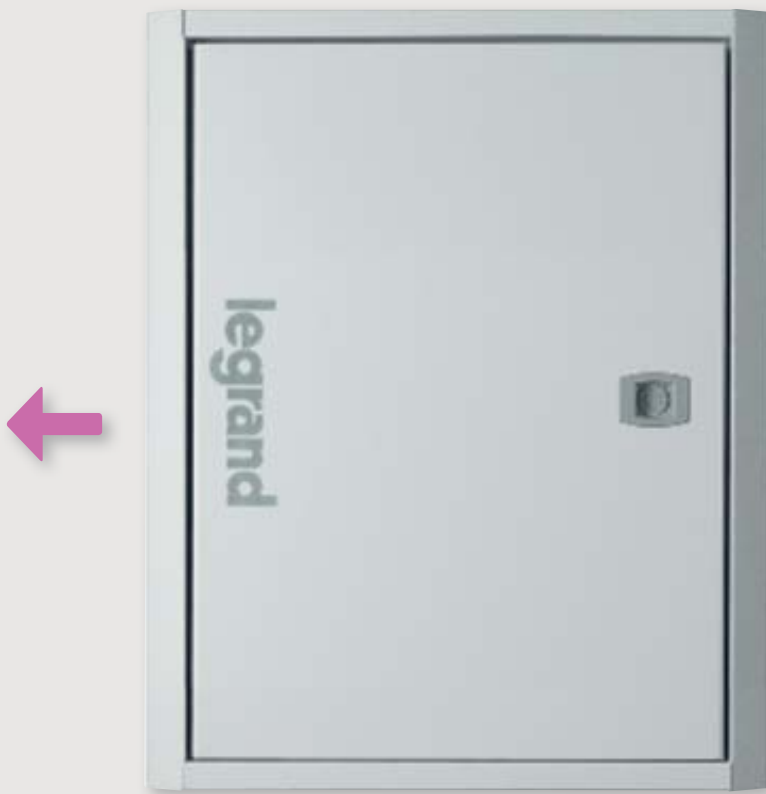
 **legrand**[®]

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.

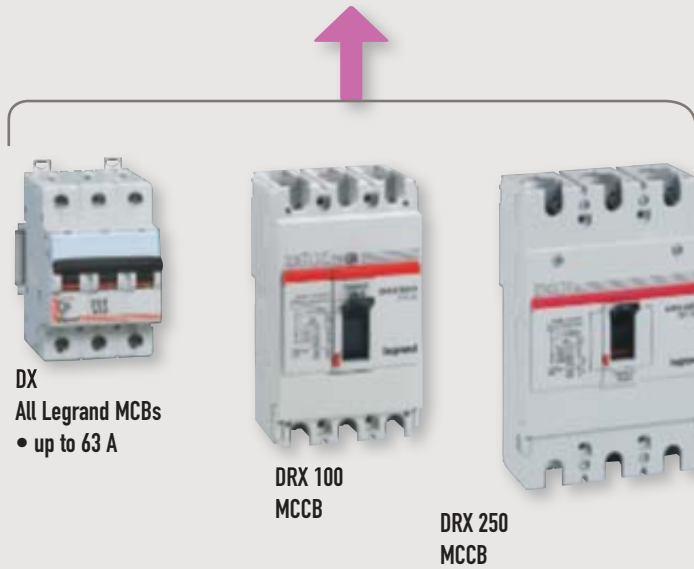
Ideal for both commercial and residential environments, they are easy to use, combining easy assembly with great configuration flexibility thanks to their fixing kits and modular fittings.





- All Legrand MCBs
- up to 63 A
 - 6 kA / 10 kA / 25 kA
 - 1P, 2P and 3P

- Single pole RCBOs
- up to 45 A
 - AC type 30 mA



DX
All Legrand MCBs
• up to 63 A

DRX 100
MCCB

DRX 250
MCCB



Totally reliable, they are tested and approved for their compliance with IEC 61439-3 standard .

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⁾



⁽¹⁾ Face plate supplied with the distribution box

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.



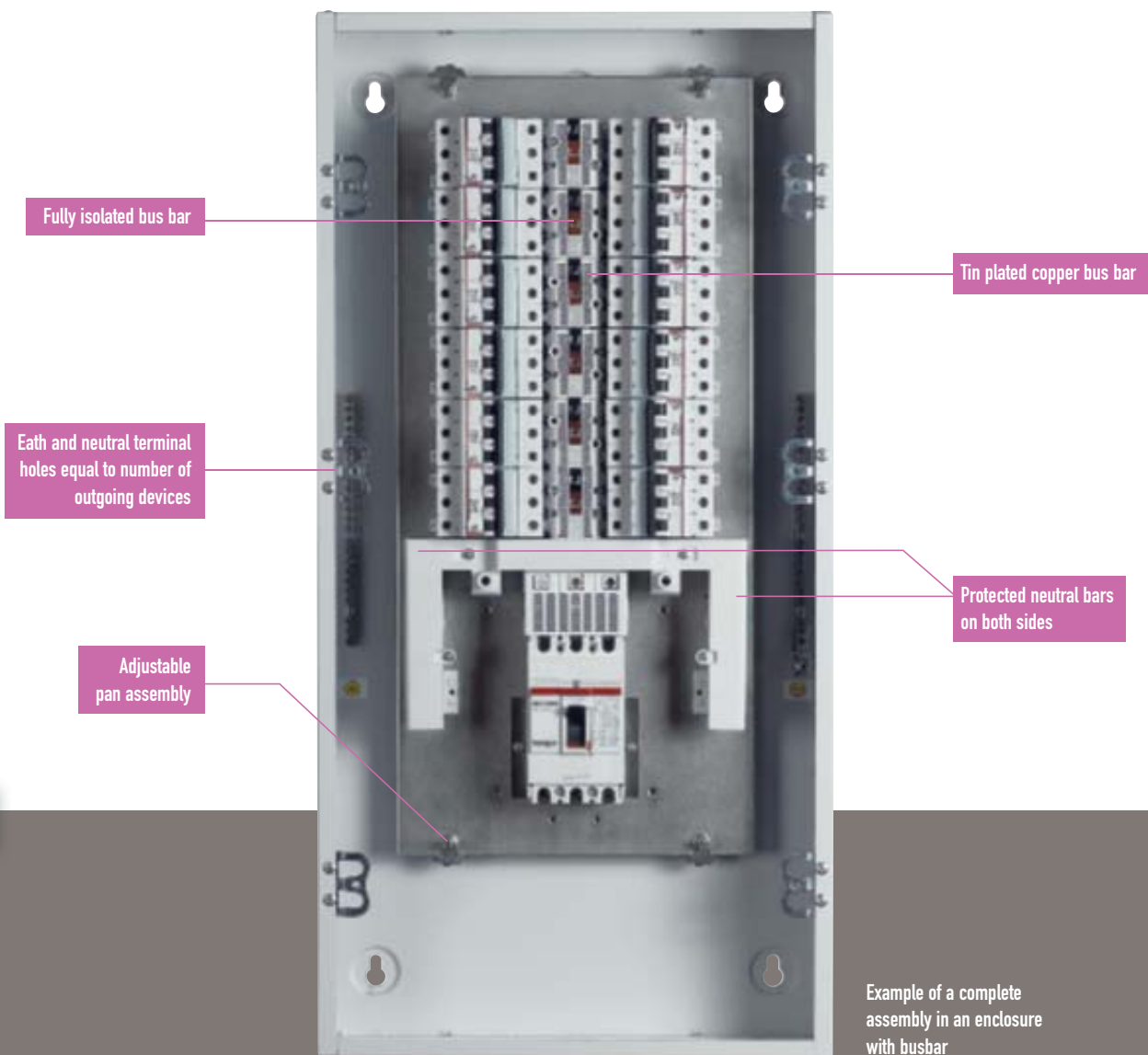
Step 3:
Fixing the DRX MCCB.

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).

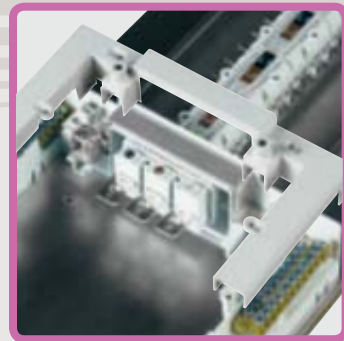


Eco-friendly

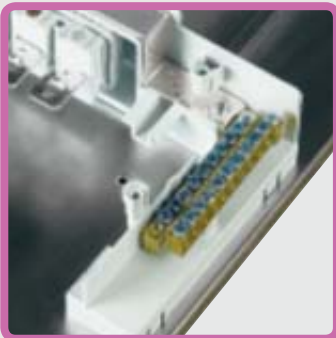
No excess copper consumption as the busbar is always sized according to the max. rating of the main circuit-breaker



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.

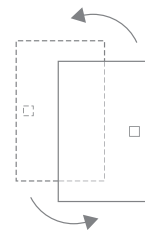
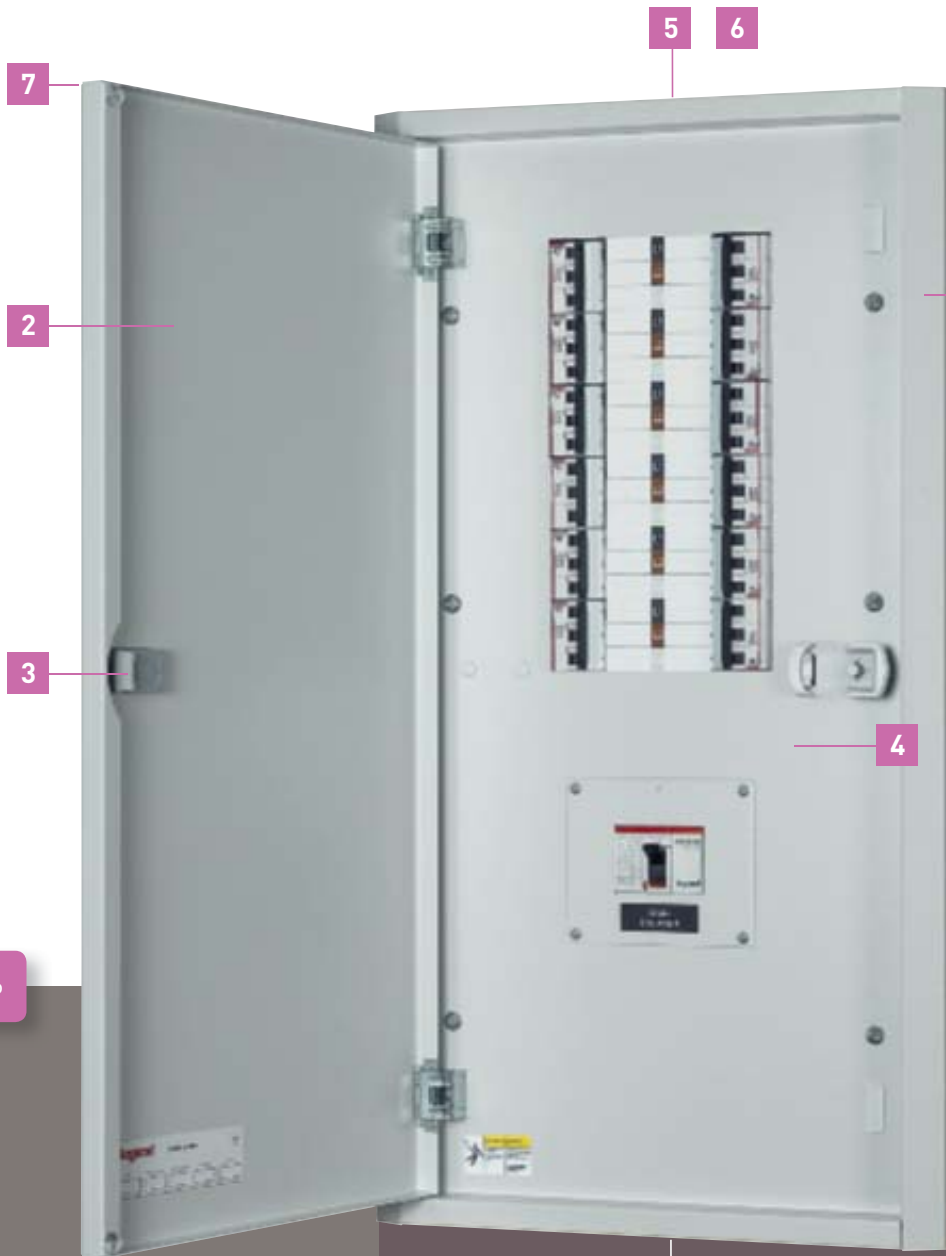


Terminal shields for outputs not in use

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.



> Flush-mounted version

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

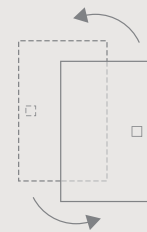
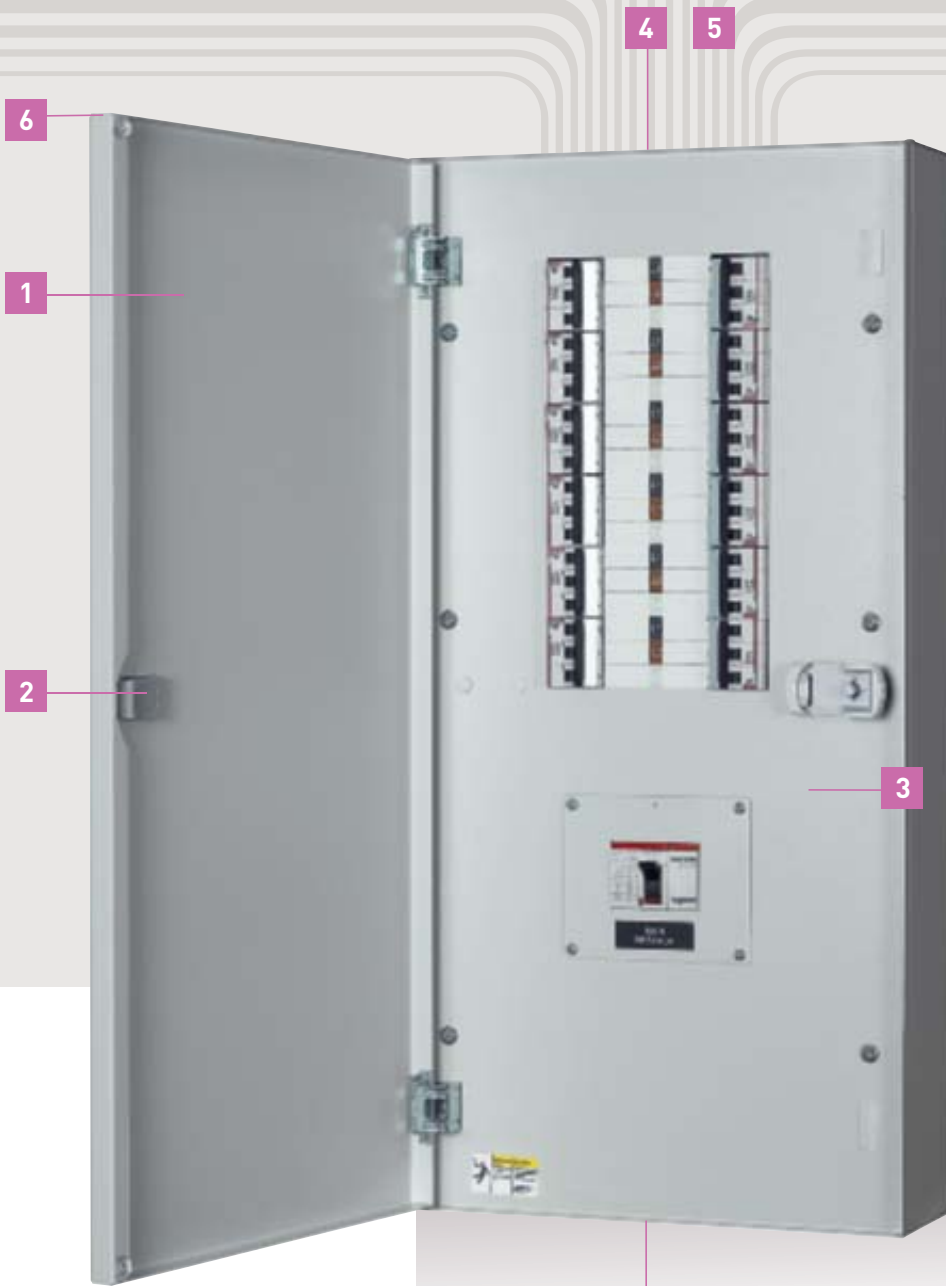
6



Pre-cut knockouts.
Takes cable glands



⁽¹⁾ Please consult us for key lock version



> 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

7



Pre-cut knockouts
Takes cable glands



⁽¹⁾ Please consult us for key lock version

XL³ - N 250 3-phase distribution boards

from 12 to 54 poles



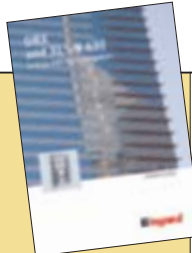
3-phase distribution boards for DIN-rail mounting circuit breakers; IP 40 - IK 08 with door
 Conform to standard IEC 61439-3; Type tested; ASTA certified
 Maximum voltage 480 V \sim ; Rated short-time withstand current (I_{cs}) : 17 kA 0.2 s ; Rated peak withstand current (I_p) : 34 kA
 Ambient temperature: 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
1	6 024 93	Kit consisting of 2 insulated fixing supports for terminal blocks for earth
		Insulating caps
20	6 024 94	For protecting unused outgoing terminals of the busbar
		Blanking plate RAL 7035
10	0 016 65	Separable into modules or 1/2 modules 18 modules



XL³ - N 630 distribution boards

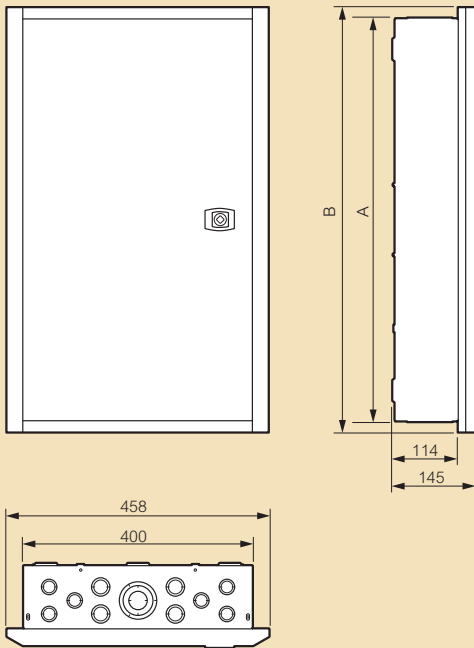
Please consult us

XL³ - N 250 3-phase distribution boards

from 12 to 54 poles

■ Dimensions

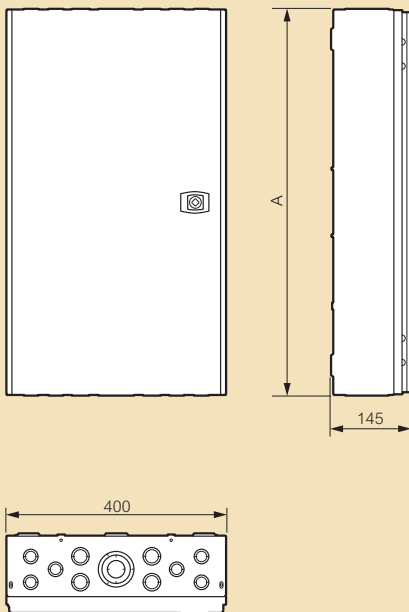
Flush-mounting distribution boards



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		
	∅18 / ∅27 mm	∅27 / ∅32 mm	∅32 / ∅52 / ∅65 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		
	∅18 / ∅27 mm	∅27 / ∅32 mm	∅32 / ∅52 / ∅65 mm
	6	4	1



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