

# XL<sup>3</sup>-N 125 & 250 E

STRONG, SIMPLE  
AND EASY TO USE



THREE-PHASE DISTRIBUTION  
BOARDS, UP TO 250 A

-> CATALOGUE PAGES INSIDE

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

 **legrand**<sup>®</sup>

legrand



## XL<sup>3</sup>-N 125 & 250 E

**Complete  
ready to use  
distribution  
boards**

Specially designed for the residential sector, the new range of XL<sup>3</sup>-N distribution boards can be installed in individual houses, villas or blocks of flats. With their sophisticated design and neutral colour they blend in discreetly in all types of contemporary interiors.

# 8 SIZES OF BOARD

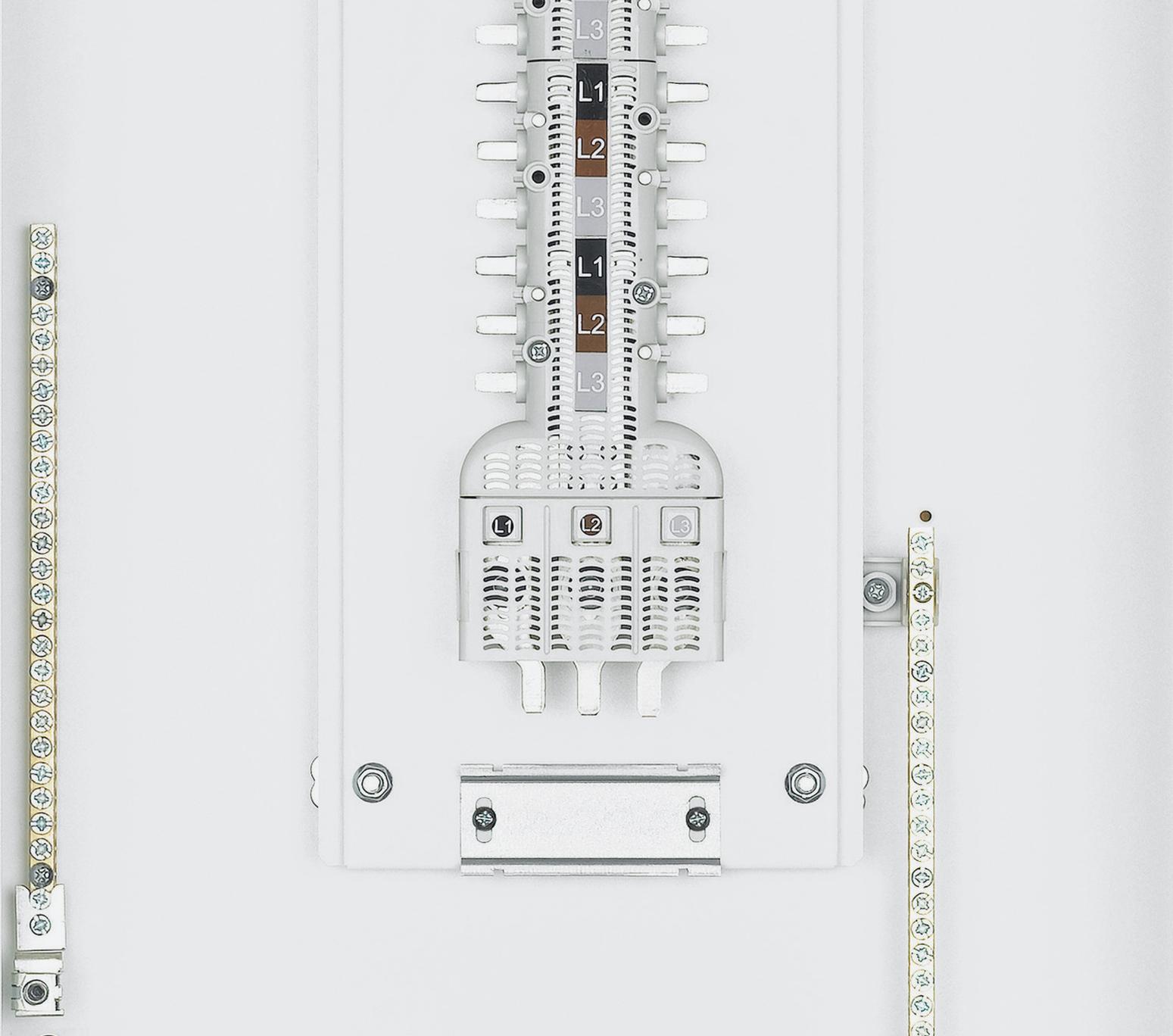
with 14 to 18 three-pole outgoing terminals.

# 1 CATALOGUE NUMBER = 1 COMPLETE, READY TO USE BOARD

Only a few catalogue numbers to store (the same board can be flush-mounted or surface-mounted).



DESIGNED FOR THE RESIDENTIAL SECTOR...



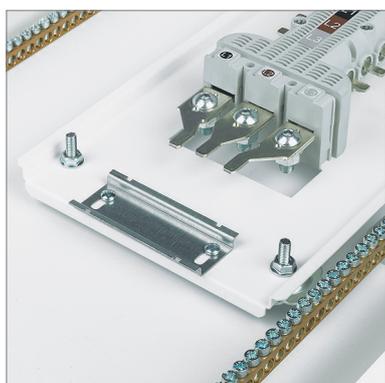
# An optimised range

**Simple choice** according to the type and rating of the circuit breaker and number of outgoing terminals

Available in 3 versions according to the main circuit breaker, the new range represents a very competitive advantage on residential sites, with the number of catalogue numbers halved. The boards are ready to use, with pre-fitted doors, faceplate, distribution system, connection terminals, neutral and earth terminal blocks and fixing device for the main circuit breaker.

## XL<sup>3</sup>-N 125 E

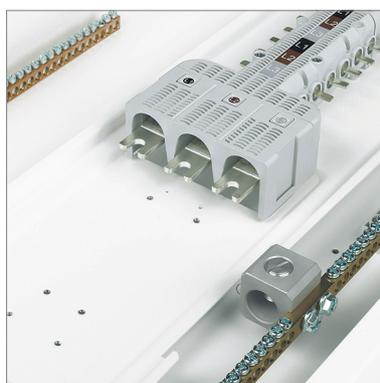
MODULAR CIRCUIT BREAKER  
1 MODULE/POLE UP TO 125 A



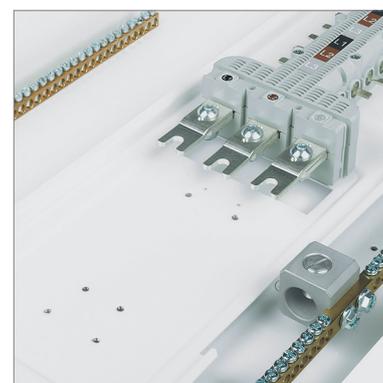
Board equipped with DIN rail,  
ready to take the modular  
circuit breaker

## XL<sup>3</sup>-N 250 E

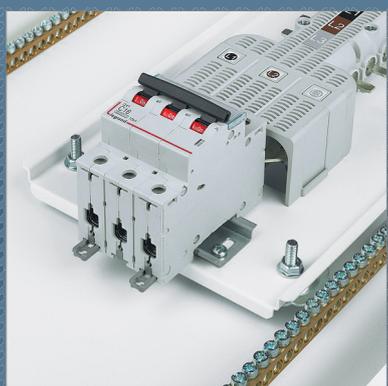
DRX 125 OR DRX 250 MCCB ACCORDING TO  
THE BOARD VERSION CHOSEN



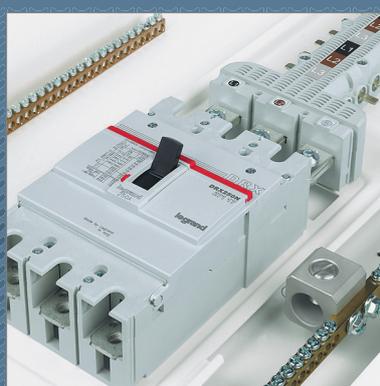
Board supplied with plate,  
terminals and terminal shield



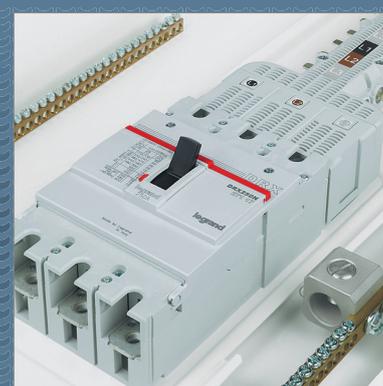
Board ready to take the MCCB



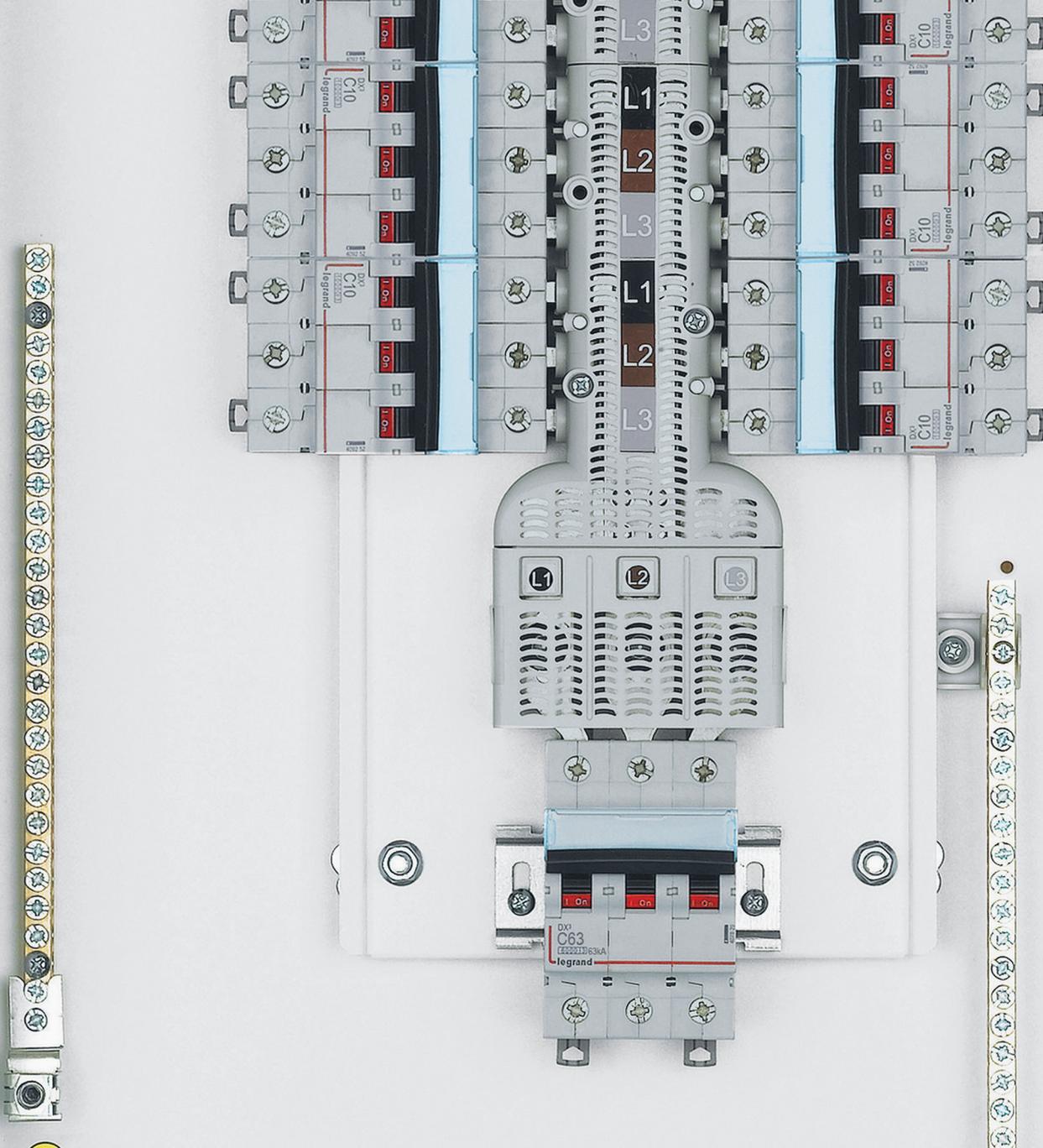
Fitting the circuit breaker and  
terminal shield



Fixing the circuit breaker on a plate



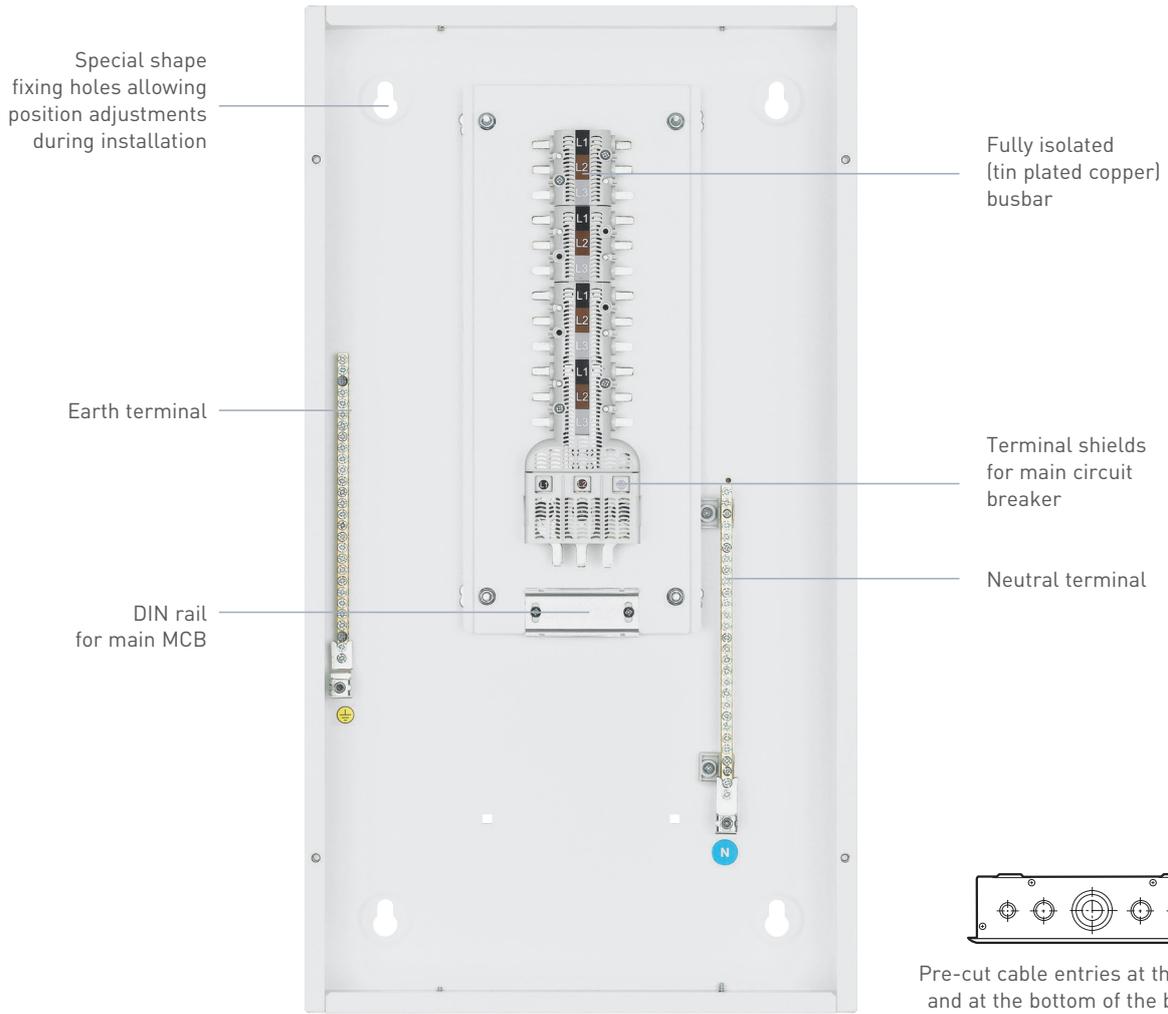
Fitting the terminal shield



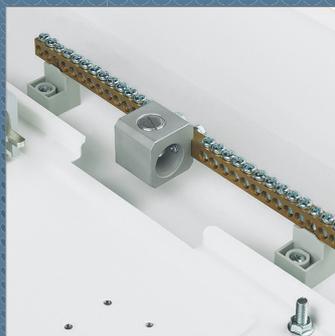
# Easy installation and wiring

From the board to the  
circuit breaker,  
everything is done  
to simplify installation

XL<sup>3</sup>-N 125 & 250 E boards have been designed to save time and make installation as easy as possible, making it ideal for the residential market, which is particularly competitive.



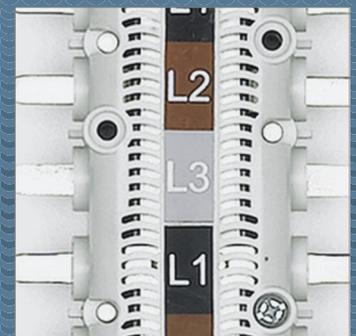
Height adjustment under the circuit breaker fixing plate



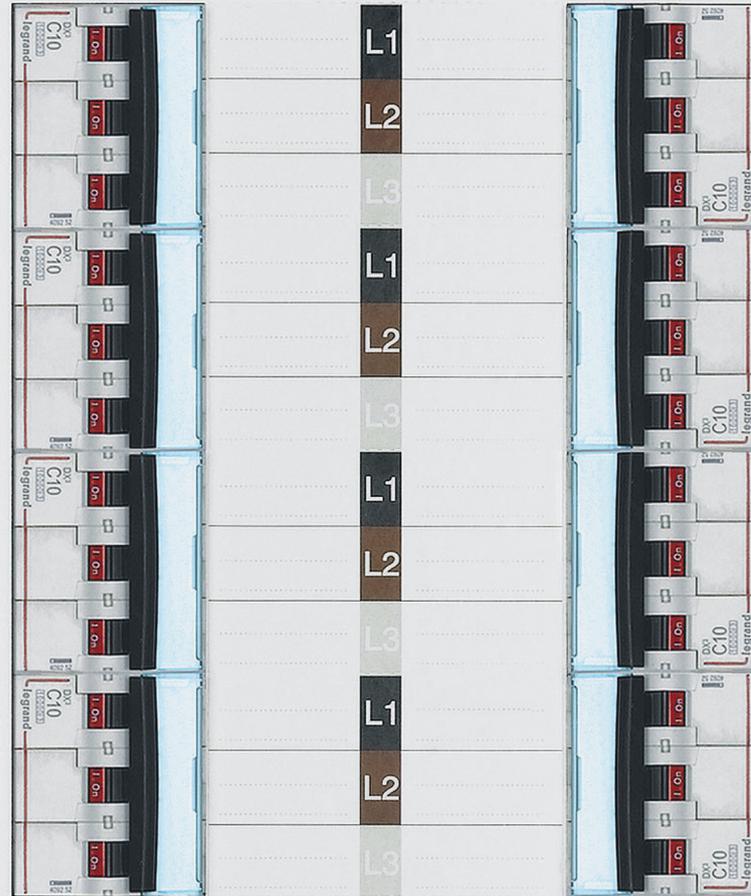
Neutral terminal block with high-capacity terminal



Earth terminal block. Same number of connections as the number of outgoing terminals on the board



Coloured labels to identify each phase on the busbar and on the faceplate

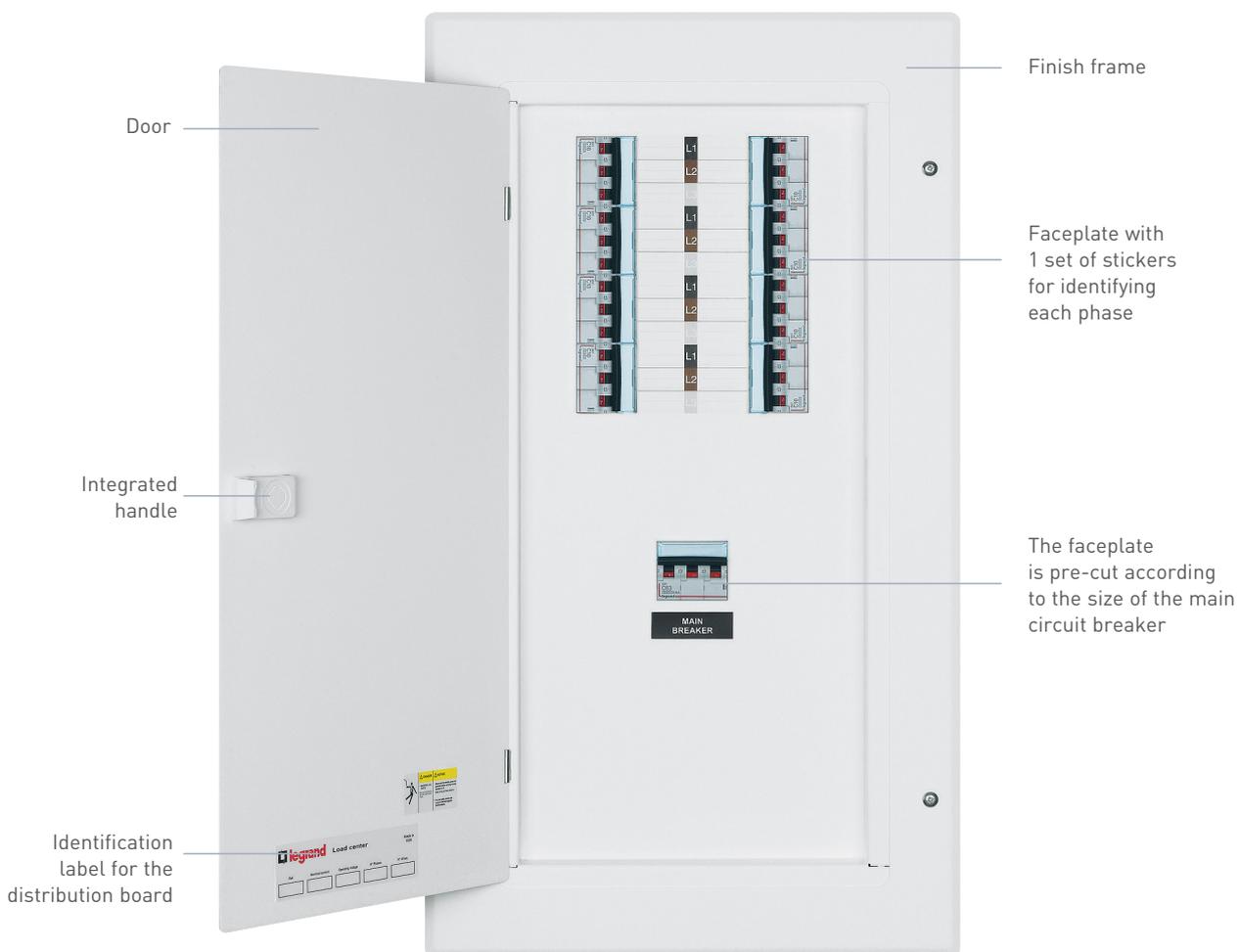


# High quality and strength

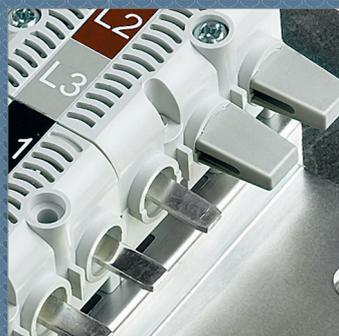
Choosing an XL<sup>3</sup>-N distribution board means choosing Legrand quality

Legrand has always been committed to complying with standards to ensure optimum safety on sites, and ensures its products all incorporate the high quality, strength, reliability and immaculate finish for which the brand is renowned

**TYPE TESTED BUSBAR** | TOTALLY RELIABLE, THEY ARE TESTED AND APPROVED FOR THEIR COMPLIANCE WITH IEC 61439-3 STANDARD



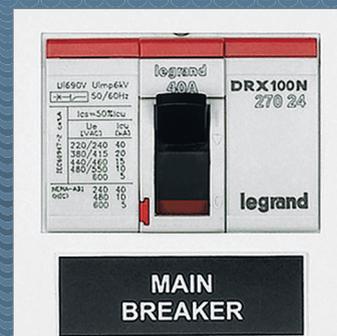
Terminal shield for the main circuit breaker (supplied with the board)



Terminal shield on outlets that are not in use



Distribution board identification label



Main circuit breaker identification label

# XL<sup>3</sup>-N 125 E and XL<sup>3</sup>-N 250 E 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: busbar type tested (Lovag certified)  
 Maximum voltage 480 V~; Rated short-time withstand current (Icw): 17 kA 0.2 s  
 Rated peak withstand current (Ipk): 34 kA  
 Ambient temperature: 50 °C continuously  
 White RAL 9003

Supplied with: surface or flush-mounting box, door with handle, faceplate, fully isolated tin plated copper busbar  
 The number of holes of earth and neutral terminal blocks are equal to the number of outgoing devices

| Pack | Cat.Nos  | XL <sup>3</sup> -N 125 E distribution boards  |                  |
|------|----------|---|------------------|
|      |          | <b>Maximum rating 125 A</b>   |                  |
|      |          | Flush or surface mounting   |                  |
|      |          | Equipped with DIN rail for main circuit breaker :<br>3P, 1 module/pole, DIN rail mounting MCB |                  |
|      |          | No of poles<br>(outgoing terminals)   | No of 3P<br>ways |
| 1    | 6 044 00 | 12  | 4                |
| 1    | 6 044 01 | 18  | 6                |
| 1    | 6 044 02 | 24  | 8                |
| 1    | 6 044 03 | 30  | 10               |
| 1    | 6 044 04 | 36  | 12               |
| 1    | 6 044 05 | 42  | 14               |
| 1    | 6 044 06 | 48  | 16               |
| 1    | 6 044 07 | 54  | 18               |

| Pack | Cat.Nos  | Accessories   |
|------|----------|---|
| 1    | 6 054 93 | <b>Fixing supports for terminal blocks</b><br>Kit consisting of 2 insulated fixing supports for terminal blocks for earth |
| 20   | 6 054 94 | <b>Insulating caps</b><br>For protecting unused outgoing terminals of the busbar  |
| 10   | 0 016 65 | <b>Blanking plate RAL 7035</b><br>Separable into modules or 1/2 modules<br>18 modules                                     |

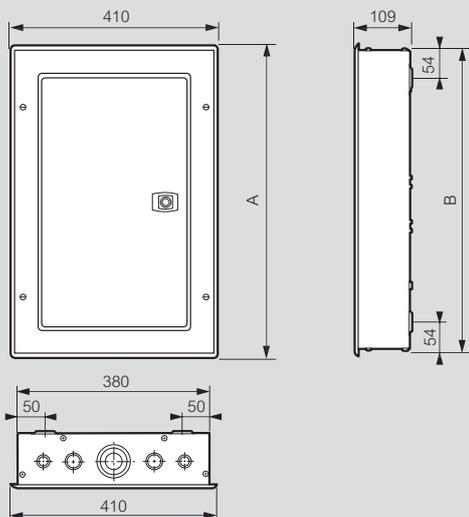
| Pack | Cat.Nos  | XL <sup>3</sup> -N 250 E distribution boards                        |               |
|------|----------|---|---------------|
|      |          | <b>Maximum rating 125 A</b>   |               |
|      |          | Flush or surface mounting   |               |
|      |          | Equipped with mounting plate for main circuit breaker: DRX 125 MCCB |               |
|      |          | No of poles<br>(outgoing terminals)                                 | No of 3P ways |
| 1    | 6 044 30 | 12  | 4             |
| 1    | 6 044 31 | 18  | 6             |
| 1    | 6 044 32 | 24  | 8             |
| 1    | 6 044 33 | 30  | 10            |
| 1    | 6 044 34 | 36  | 12            |
| 1    | 6 044 35 | 42  | 14            |
| 1    | 6 044 36 | 48  | 16            |
| 1    | 6 044 37 | 54  | 18            |
|      |          | <b>Maximum rating 250 A</b>   |               |
|      |          | Flush or surface mounting   |               |
|      |          | Equipped with mounting plate for main circuit breaker: DRX 250 MCCB |               |
|      |          | No of poles<br>(outgoing terminals)                                 | No of 3P ways |
| 1    | 6 044 40 | 18  | 6             |
| 1    | 6 044 41 | 24  | 8             |
| 1    | 6 044 42 | 30  | 10            |
| 1    | 6 044 43 | 36  | 12            |
| 1    | 6 044 44 | 42  | 14            |
| 1    | 6 044 45 | 48  | 16            |
| 1    | 6 044 46 | 54  | 18            |

# XL<sup>3</sup>-N 125 E and XL<sup>3</sup>-N 250 E 3-phase distribution boards

from 12 to 54 poles

## ■ Dimensions

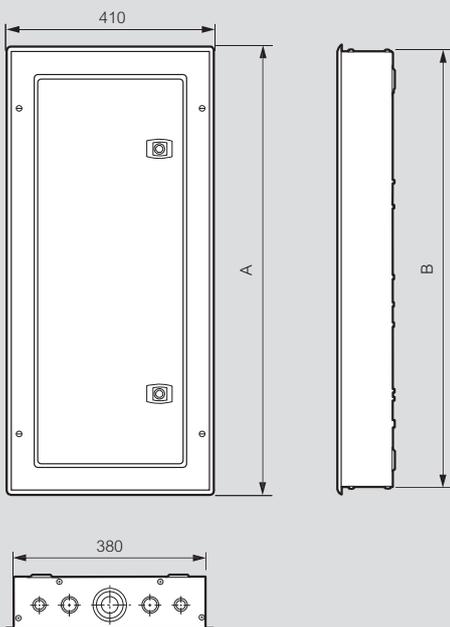
### Distribution boards from 12 to 24 poles (outgoing terminals)



| Cat.Nos  | Number of poles | Dimensions (mm) |     |
|----------|-----------------|-----------------|-----|
|          |                 | A               | B   |
| 6 044 00 | 12              | 622             | 594 |
| 6 044 01 | 18              | 676             | 648 |
| 6 044 02 | 24              | 730             | 702 |
| 6 044 30 | 12              | 622             | 594 |
| 6 044 31 | 18              | 676             | 648 |
| 6 044 32 | 24              | 730             | 702 |
| 6 044 40 | 18              | 622             | 594 |
| 6 044 41 | 24              | 676             | 648 |

| Number of knockouts | Size of the knockouts |              |                    |
|---------------------|-----------------------|--------------|--------------------|
|                     | ∅18 / ∅27 mm          | ∅27 / ∅32 mm | ∅32 / ∅52 / ∅65 mm |
| Top                 | 2                     | 2            | 1                  |
| Bottom              | 2                     | 2            | 1                  |

### Distribution boards from 30 to 54 poles (outgoing terminals)



| Cat.Nos  | Number of poles | Dimensions (mm) |     |
|----------|-----------------|-----------------|-----|
|          |                 | A               | B   |
| 6 044 03 | 30              | 784             | 756 |
| 6 044 04 | 36              | 838             | 810 |
| 6 044 05 | 42              | 892             | 864 |
| 6 044 06 | 48              | 946             | 918 |
| 6 044 07 | 54              | 1000            | 972 |
| 6 044 33 | 30              | 784             | 756 |
| 6 044 34 | 36              | 838             | 810 |
| 6 044 35 | 42              | 892             | 864 |
| 6 044 36 | 48              | 946             | 918 |
| 6 044 37 | 54              | 1000            | 972 |
| 6 044 42 | 30              | 784             | 756 |
| 6 044 43 | 36              | 838             | 810 |
| 6 044 44 | 42              | 892             | 864 |
| 6 044 45 | 48              | 946             | 918 |
| 6 044 46 | 54              | 1000            | 972 |

| Number of knockouts | Size of the knockouts |              |                    |
|---------------------|-----------------------|--------------|--------------------|
|                     | ∅18 / ∅27 mm          | ∅27 / ∅32 mm | ∅32 / ∅52 / ∅65 mm |
| Top                 | 2                     | 2            | 1                  |
| Bottom              | 2                     | 2            | 1                  |



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