

LEGRAND, A CLEAR, COMPREHENSIVE OFFER FOR ALL TYPES OF APPLICATION

The new DX³ circuit breakers can be integrated with a wide range of products, providing exceptional technical performance levels

The variety of functions and range of characteristics offered will enable you to equip all your distribution boards. The very high levels of coordination between the various ranges of DX³ modular circuit breakers makes it suitable for all types of application.



PROTECTION / BREAKING

MEASUREMENT

CONTROL

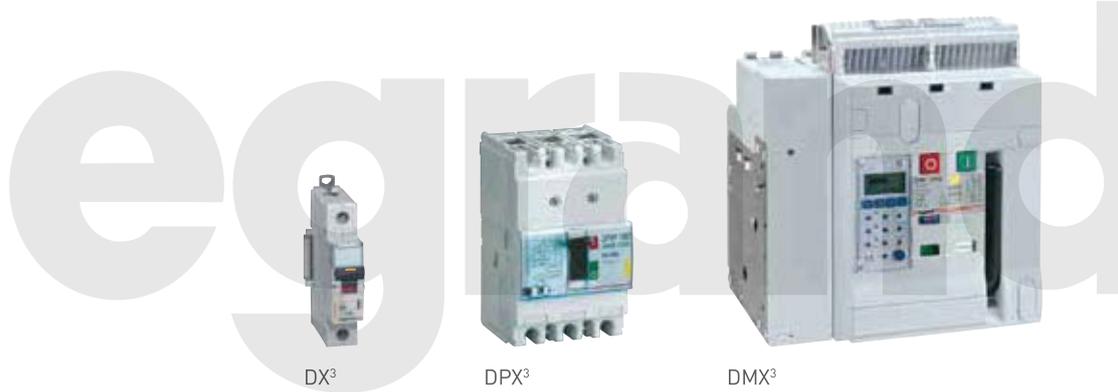


All functions on DIN rail



Each breaking capacity has its own power solution

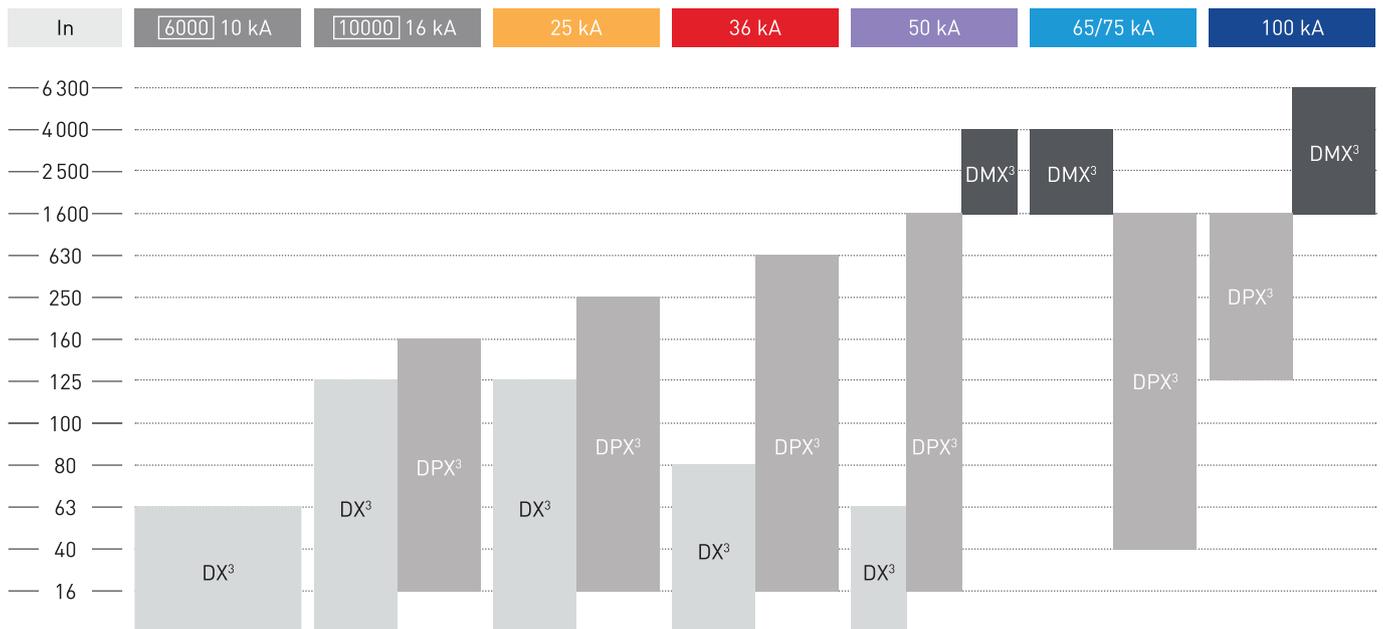
Perfect complementarity for your distribution boards up to 6300 A and 100 kA breaking capacity.



DX³

DPX³

DMX³





DX³

A COMPLETE SOLUTION

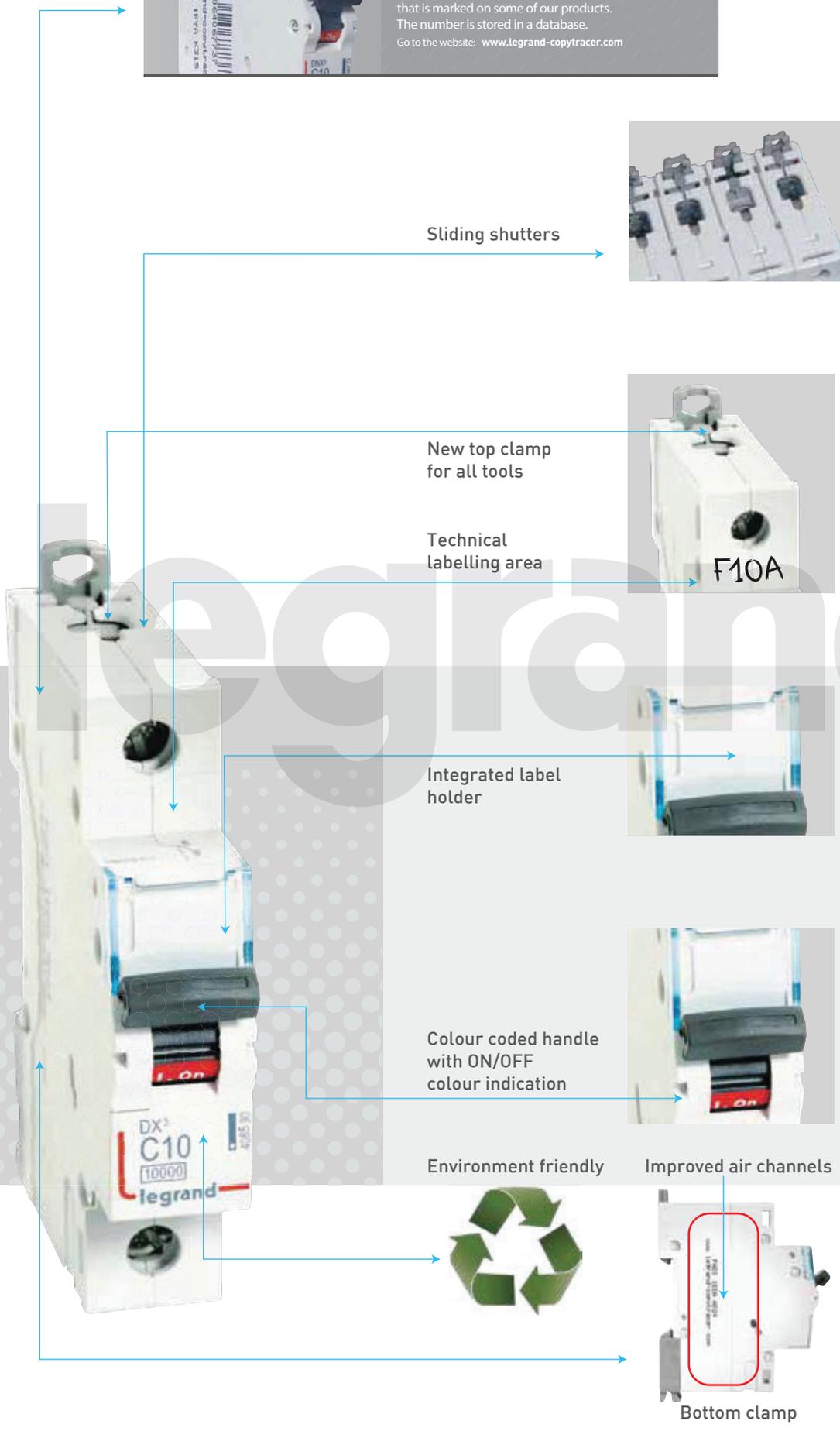
The efficient designs of the products are such that they can be easily installed. The clear identification marks, to know the state of the circuit breaker, make it easier to maintain. The high quality products also assure the safety of the user, thus making it a complete solution.





COPYTRACER, THE FIGHT AGAINST COUNTERFEITING

Copytracer is a unique registration number that is marked on some of our products. The number is stored in a database. Go to the website: www.legrand-copytracer.com



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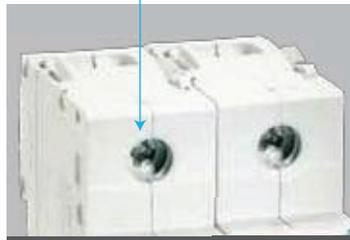
EASY, SAFE CONNECTION



Safety is
prioritised with
the innovative
features of the
DX³ products

The quality and hold of the connections are vital for the safety of distribution boards fitted with high breaking capacity MCBs. The connection areas are designed to make installation faster without compromising on safety.

RISING CLAMP TERMINALS
Ensure a high quality, durable connection



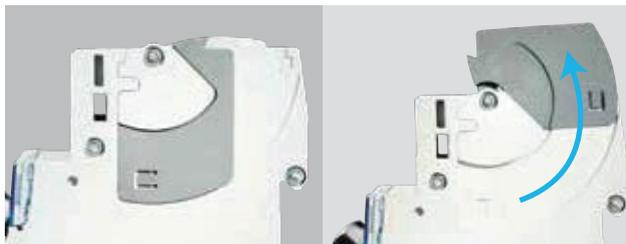
RELIABLE CONNECTIONS
Compensation for the effect of loosening to ensure excellent hold over time and consistent contact (I_n 80 A)



1.5
modules/pole

Black handle: circuit breakers
Grey handle: switches

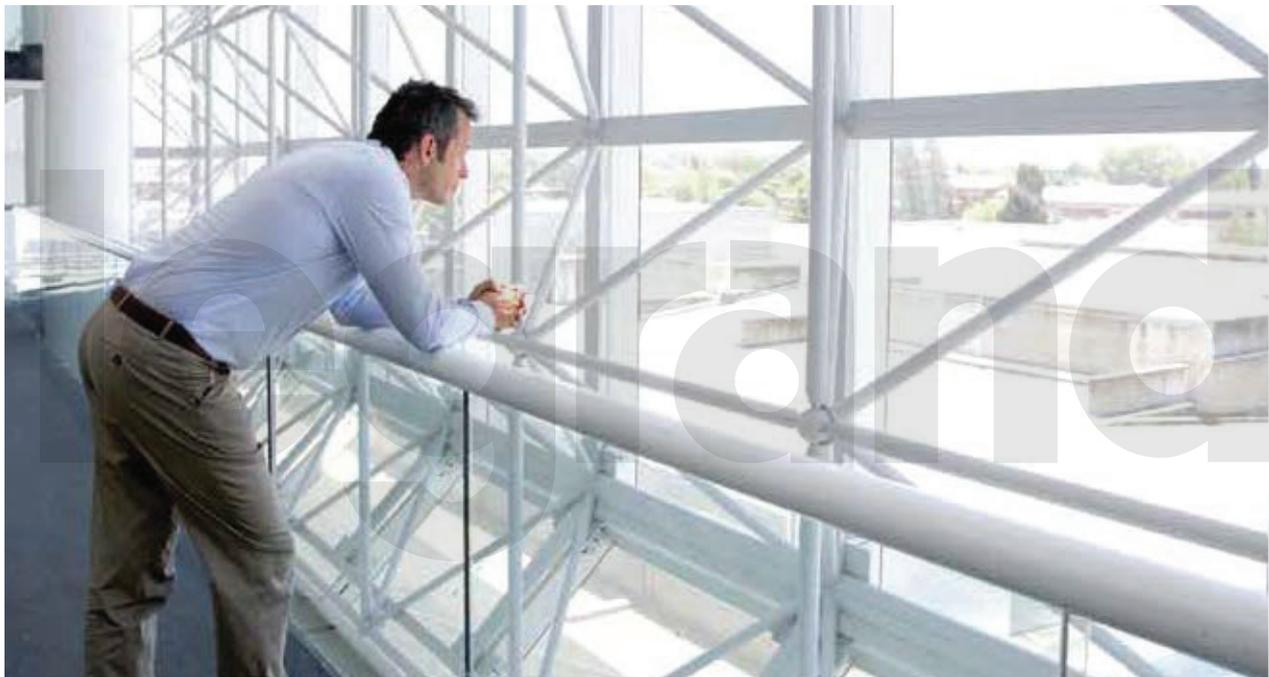
Breaking capacity
16 kA
25 kA
36 kA
50 kA



RETRACTABLE INSULATING SHIELDS

With the integrated retractable insulating shields, no additional accessories are needed to isolate the connections on any breaking capacities and high ratings of the 1.5 modules/pole (I_n 63 A) circuit breakers.

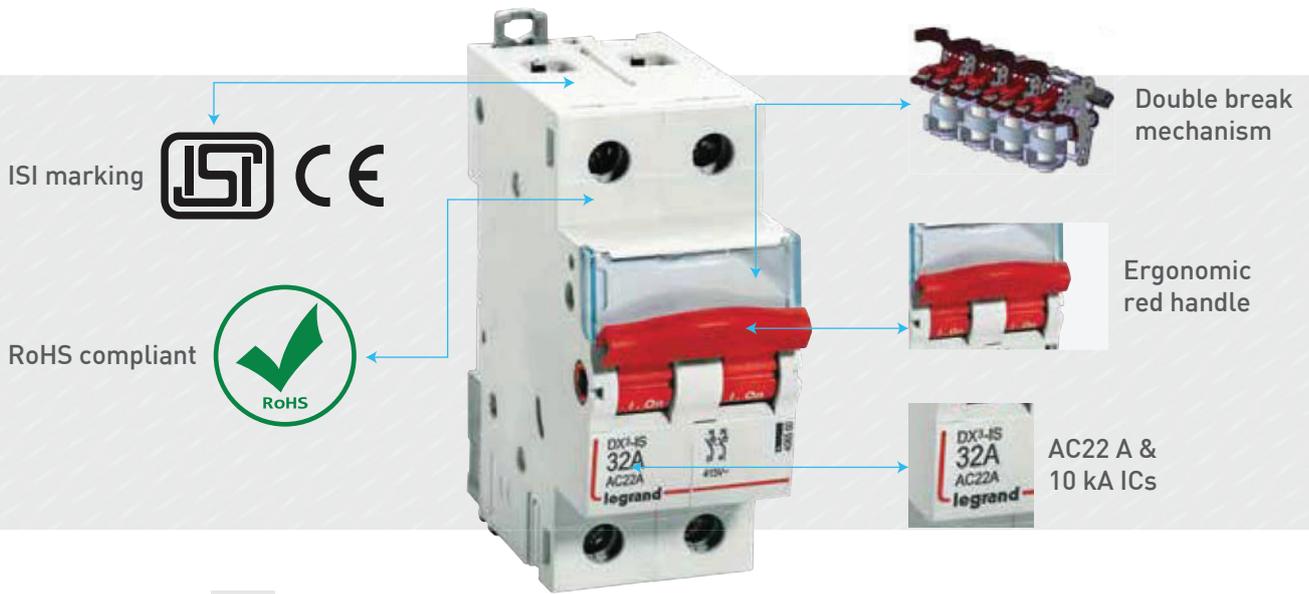
DX³ IMPECCABLE QUALITY



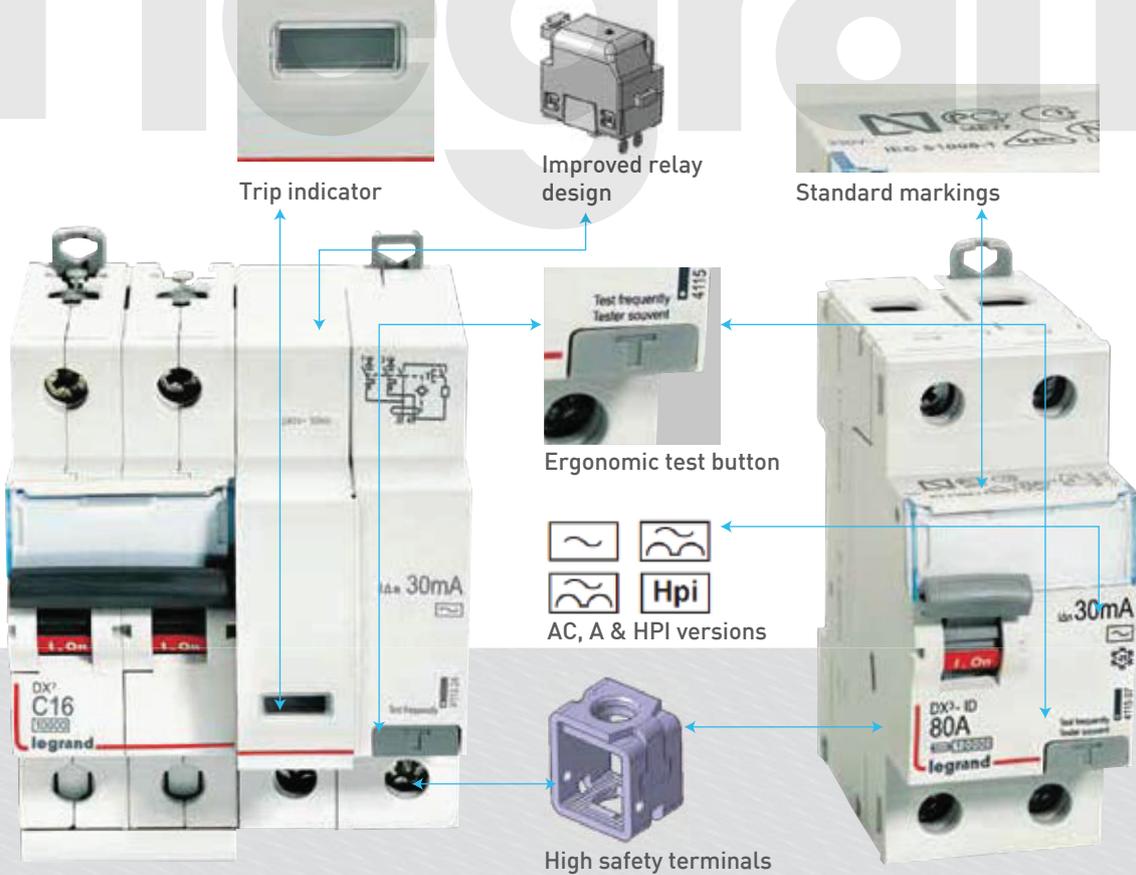
Legrand pays particular attention to how these devices perform: Each of them is set and checked individually on the production lines

The design integrated with the DX³ range implicates its international quality. The products are crafted in a way to provide ease of installation.

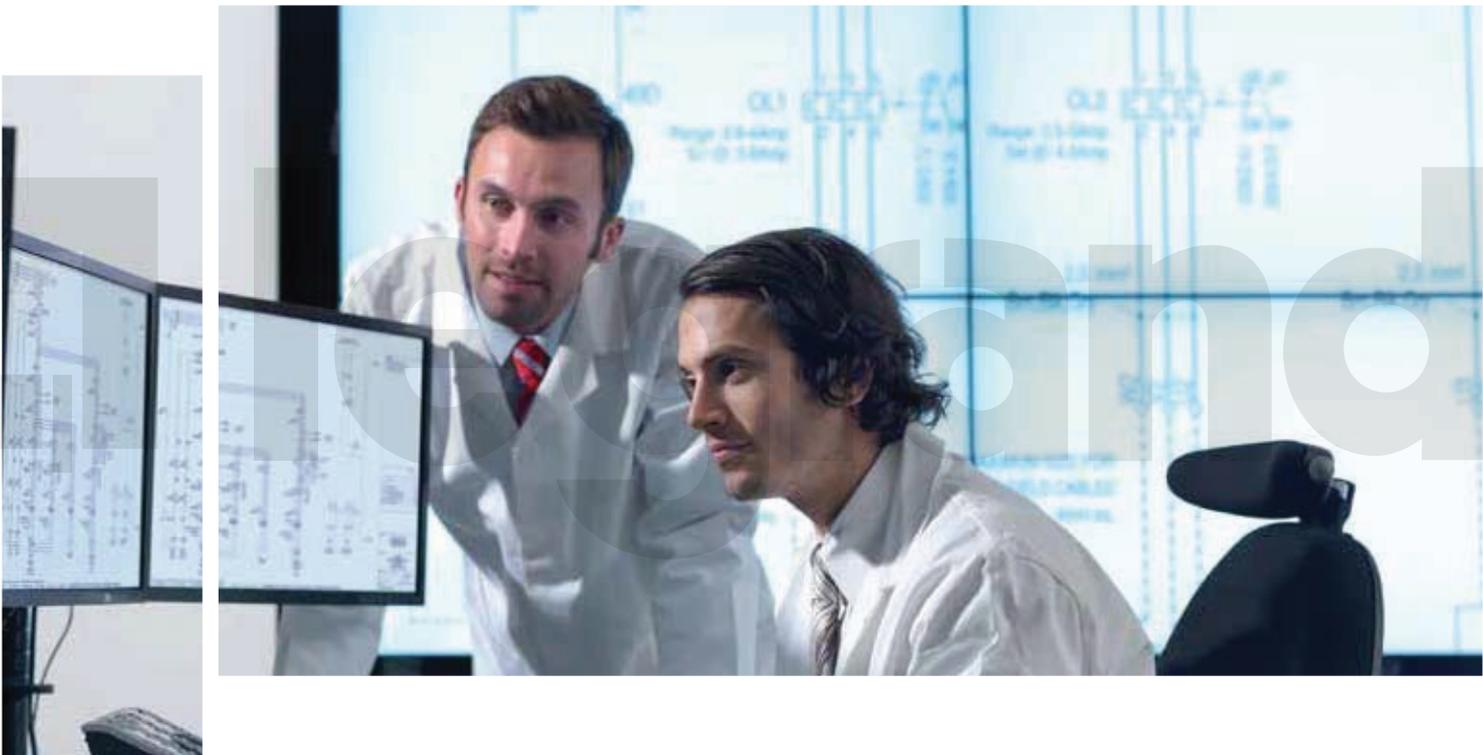




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PERFECT CONTROL OF YOUR INSTALLATION



The DX³ range
has a selection
of electrical
auxiliaries
for monitoring
and controlling
circuits remotely

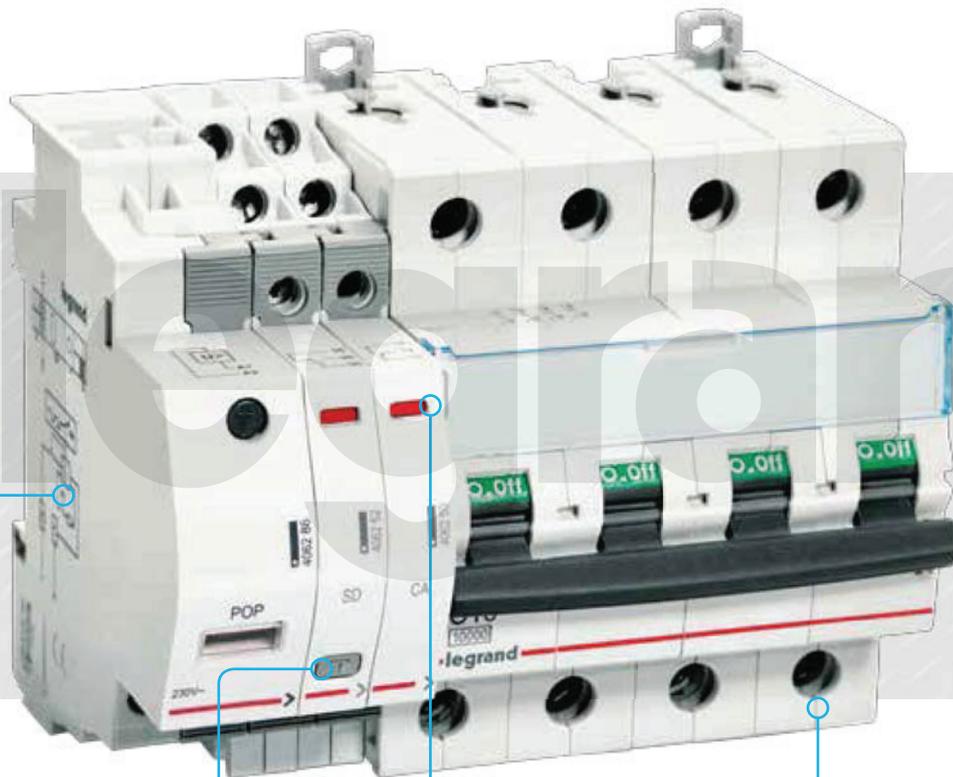
Auxiliary contacts and fault
signal contacts, shunt trips,
undervoltage releases,
overvoltage releases and
motorised controls.



THE AUXILIARIES FIT FIRMLY
without the need for any tools and
ensures that the entire assembly is robust



THE ACCESSIBILITY OF THE TERMINALS
and the visibility of the screw heads
make the installer's work easier



Marking of auxiliaries
(characteristics,
connection, mounting)

The fault signal
contacts have a
test button

The colour code of the indicators
on the signalling auxiliaries is
the same as that
of the remote indicators

DX³ circuit breakers take up
to 3 auxiliaries including one
control auxiliary



DX³ motorised controls can be used with 1 module per
pole devices (circuit breakers, RCBOs and RCCBs)
just as easily as auxiliaries.

OPTIMISED SPACE IN THE DISTRIBUTION BOARD

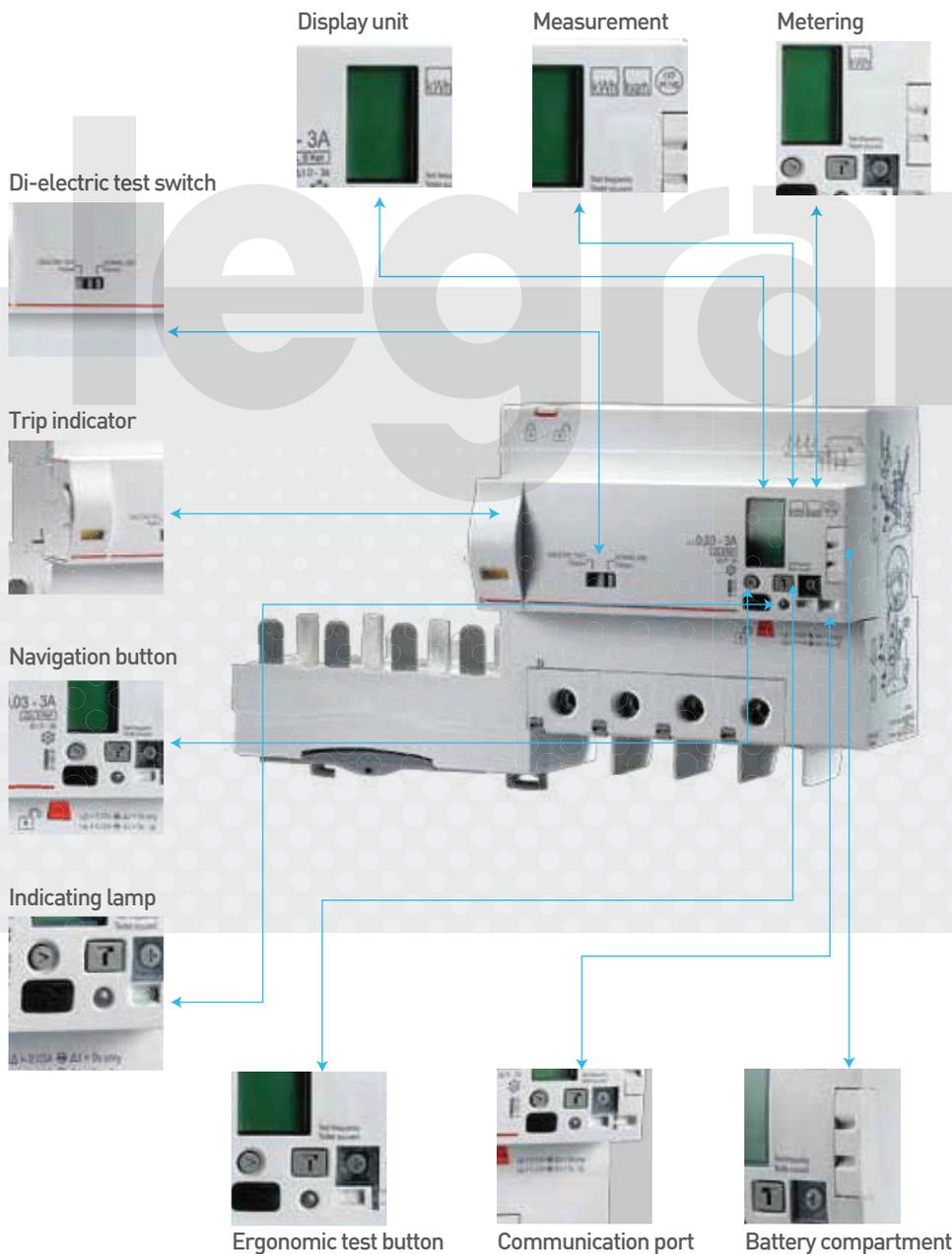
Legrand motorised controls are the most compact
in the market: 1 module wide.

They save a great deal of space inside the
distribution board.

PROTECTION TAILORED TO YOUR REQUIREMENTS

A compact solution for
protection and measurement

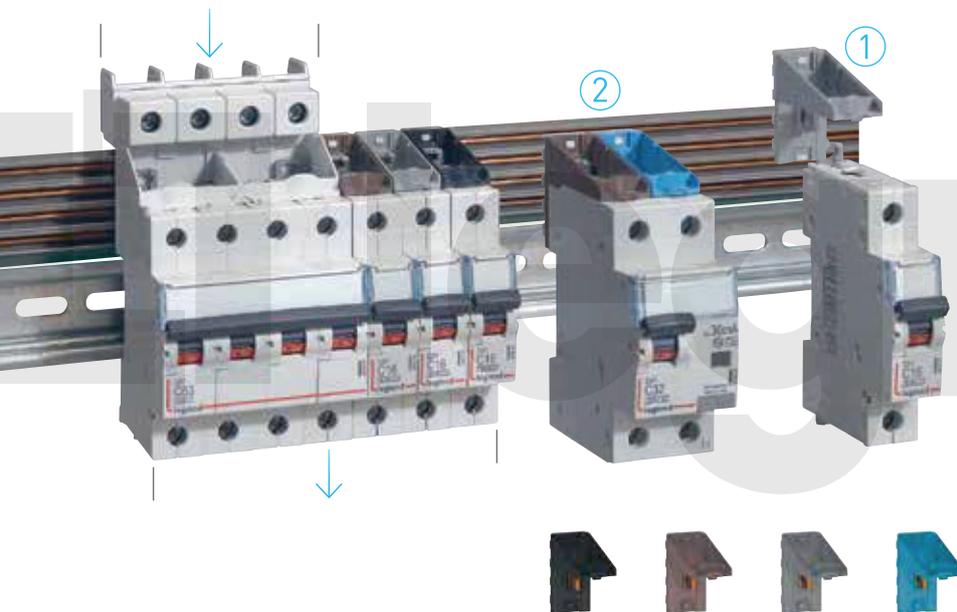
The new DX³ RCD add-on modules with metering have a wide range of features to meet the most stringent safety requirements. They come with RS485 communication port for remote data viewer.



CHOOSE YOUR DISTRIBUTION

Legrand optimised distribution has been designed for maximum safety, ease of installation and maintenance of distribution boards

Wiring and tedious tightening operations are minimised, and the risks of poor contact and short-circuits are reduced, while mounting time is optimised.



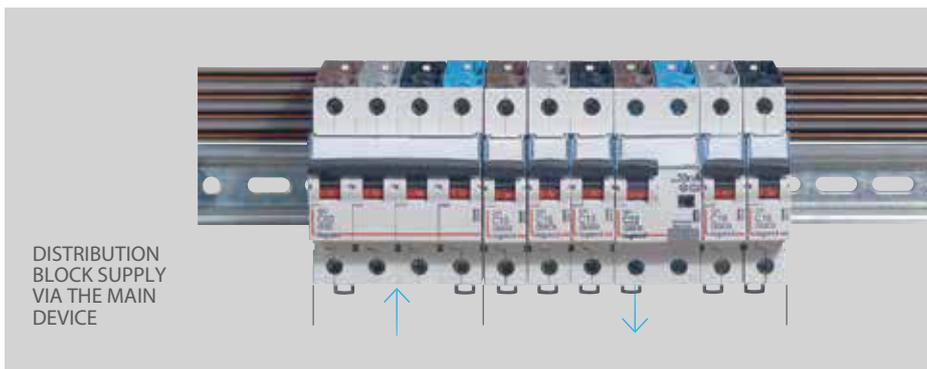
OPTIMISED DISTRIBUTION HX³ 125 A horizontal distribution blocks with plug-in connection

Horizontal 4-pole distribution for XL³ 160 to 4000 enclosures:

- Optimised design: Freedom to mix 1P, 1P+N, 2P, 3P and 4P devices on the same row
- Optimised installation: Automatic connection with no wiring or clamping
- Safe connection and disconnection of devices, even when the distribution block is powered-up (due to the IP xxB insulation of the distribution block and the integral connection modules in the devices).

DISTRIBUTION BLOCK SUPPLY VIA THE POWER SUPPLY MODULE PROVIDED

CONNECTION MODULES Set of 4 connection modules (L1, L2, L3, N) for 1 module/pole devices



DISTRIBUTION BLOCK SUPPLY VIA THE MAIN DEVICE

EASY CONNECTION

Circuit breakers with plug-in terminals are fixed onto the distribution block with no need for any tool. The phase to be connected is determined by the choice of the connector. The distribution block can be supplied via the power supply module provided or via the head of row device.

MORE COMFORT WITH ENERGY SAVINGS



The Legrand modular
control and monitoring
devices are a
perfect addition to
the range of DX³
protection devices

With its time switches & contactors, Legrand guarantees a unique experience. With the selection of functions available, it is simple to improve the safety, efficiency and comfort of installations and meet energy requirements.



- Conform to IEC/EN 61095
- Space for power supply busbar on top (up to 25 A)
- Manual override for test and repair functions, carried out via the handle
- Permanent "ON" or "OFF" without automatic reset



Battery replacement

Weekly switching view

Operating date & time

Programming menus

+/- buttons

Data key

Menu

Operating mode

Environment friendly



- With synchronous (mains- synchronised clock precision) or quartz motor
- +/- 2.5 s/day clock precision (quartz motor)
- 100 hour running reserve (quartz motor)
- Surface-mounting possible with a wall bracket and a terminal cover (cat no : 412859)
- Unit width: 3 modules of 17.5 mm each