DX ${ }^{3}$ RCCBs - ID
2P up to 100 A

Cat. ${ }^{\circ}(\mathrm{s}) ~: ~ 411500,04,05,06,07,08,14,15,16,17,24$, 4115 25, 26, 27, 28, 37, 43, 50, 54, 55, 56, 57, 69, 70, 71, 4115 72, 84, 90, 91, 92

CONTENTS PAGE

1. Description, use .....  .1
2. Range .....  1
3. Overall dimensions. .....  1
4. Preparation - Connection .....  1
5. General characteristics .....  3
6. Compliance and approvals .....  8
7. Curves .....  .9
8. Auxiliaries and accessories ..... 11
9. Safety ..... 11

## 1. DESCRIPTION - USE

RCCBs with positive contact indication for control, protection and isolation of electrical circuits, protecting people from direct and indirect contact and protecting installations from insulation faults.

Symbol:


## Technology:

. Electromagnetic residual current function with current-sensing relay

## 2. RANGE

## Polarity:

. 2-pole

## Width:

. 2 modules ( $2 \times 17.8 \mathrm{~mm}$ )

## Nominal rating In :

. 16 / 25 / $40 / 63 / 80 / 100 \mathrm{~A}$

## Residual current types:

. AC (sinusoidal differential alternating currents)
. A (residual currents with a DC component)
. AC-S and A-S (discriminating)
. HPI (immunised against false tripping). HPI products are also A type.

## Sensitivity:

. 10 / $30 / 100 / 300 \mathrm{~mA}$

## Nominal voltage and frequency:

. $230 \mathrm{~V} \sim / 240 \mathrm{~V} \sim, 50 \mathrm{~Hz}$ with standard tolerances

## Maximum operating voltage:

. $250 \mathrm{~V} \sim, 50 \mathrm{~Hz}$
3. OVERALL DIMENSIONS


## 4. PREPARATION - CONNECTION

## Mounting:

. On symmetrical rail EN 60715 or DIN 35 rail

## Operating positions:



## Power supply:

. From the top or the bottom

## Connection:

. Inputs and outputs via screw terminals

## Terminal arrangement:

. Cage terminals, with disengageable and captive screws (fitted with flaps preventing a cable being placed under the terminal, with the terminal partly open or closed)
. Terminals protected against direct finger contact IP20, wired

## 4. PREPARATION - CONNECTION (continued)

. A circuit breaker may be replaced in the middle of a row supplied with busbars without disconnecting the other products


## Connection:

. Terminals protected against direct finger contact IP20, wired device
. Cage terminals, with disengageable or captive screws
. Terminals fitted with flaps preventing a cable being placed under the terminal, with the terminal partly open or closed
. Alignment and spacing of the terminals permitting connection with the other products in the range via toothed supply busbars

## 4. PREPARATION - CONNECTION (continued)

## Terminal arrangement: (continued)

. Alignment and spacing of the terminals permitting shutters with the other products via toothed supply busbars
. Terminal depth: 14 mm
. Terminal capacity: $60 \mathrm{~mm}^{2}$
. Screw head: mixed head, slotted head and Philips / Pozidriv no. 2
. Tightening torques:

- Minimum / Maximum: 1.2 Nm / 3.5 Nm
- Recommended: 2.5 Nm


## Conductor types:

. Copper cables at the top and bottom of the product

- Cable cross-section:

|  | Without ferrule | With ferrule |
| :---: | :---: | :---: |
| Rigid cable | $1 \times 0.75$ to $50 \mathrm{~mm}^{2}$ <br> or | $/$ |
| Flexible cable | $1 \times 0.75$ to $35 \mathrm{~mm}^{2}$ <br> or <br> $2 \times 0.75$ to $16 \mathrm{~mm}^{2}$ | $1 \times 0.75$ to $25 \mathrm{~mm}^{2}$ |
|  |  |  |

## Required tools:

. For the terminals:

- $5.5 \mathrm{~mm} / 6.5 \mathrm{~mm}$ blade screwdriver recommended
- Pozidriv $\mathrm{n}^{\circ} 2$ / Philips $\mathrm{N}^{\circ} 2$ screwdriver recommended
. For the latching:
- 5.5 mm blade screwdriver recommended / 6 mm maximum
- Pozidriv $n^{\circ} 2$ / Philips $N^{\circ} 2$ screwdriver recommended


## Device handling:

. Manual action via ergonomic 2 position handle:

- I-On, device closed O-Off, device open


## Contact status display:

. By marking of the handle:

- I-On, in white on a red background: closed contacts
- O-Off, in white on a green background: contacts open


## Residual current trip display:

. Handle at the bottom position, the residual current is released

## Lockout:

. Padlocks possible in the open or closed positions with padlock support (Cat. No. 4063 03) and $\varnothing 5$ mm padlock (Cat. No. 4063 13) or $\varnothing 6 \mathrm{~mm}$ padlock (Cat. No. 227 97)

## Sealing:

. Possible in the open or closed positions

## Labelling:

. Circuit identification by way of a label inserted in the label holder situated on the front of the product


## 5. GENERAL CHARACTERISTICS

Neutral earthing system:
. IT, TT and TN

## Marking:

. Marking on the "front side": (by permanent ink pad printing)


## Marking on the upper panel:

. By permanent ink pad printing


## Test operating voltage:

. 10 mA all types : from 110 V to $250 \mathrm{~V} \sim$
. 30 mA , all types: from 180 V to $250 \mathrm{~V} \sim$
. 100 mA AC type : from 110 V to 250 V ~
. $300 \mathrm{~mA} \mathrm{~A} \mathrm{/} \mathrm{~S} \mathrm{type} \mathrm{:} \mathrm{from} 110 \mathrm{~V}$ to $250 \mathrm{~V} \sim$
. 300 mA AC type : from 115 V to $250 \mathrm{~V} \sim$
. 100 mA S type : from 120 V to 250 V ~

## Rated conditional short-circuit current:

. Inc = 10 kA, in accordance with EN/IEC 61008-1

## Rated conditional short-circuit residual current:

. $I \Delta c=10 \mathrm{kA}$, in accordance with EN/IEC 61008-1

## Rated residual breaking capacity:

$. I \Delta m=1000$ A, in accordance with EN/IEC 61008-1
Rated breaking and making capacity:
In accordance with EN/IEC 61008-1,
. In = 16 / $25 / 40 \mathrm{~A}: \operatorname{Im}=500 \mathrm{~A}$
. In = $63 \mathrm{~A} \quad: \mathrm{Im}=630 \mathrm{~A}$
. In $=80 \mathrm{~A} \quad: \mathrm{Im}=800 \mathrm{~A}$
. $\mathrm{In}=100 \mathrm{~A} \quad: \operatorname{Im}=1,000 \mathrm{~A}$

## Protection against overloads:

. The RCCB must be protected against overloads (either upstream or downstream) by a circuit breaker or a fuse which has a maximum of the same nominal current as the residual current switch

## 5. GENERAL CHARACTERISTICS (continued)

## Protection against short-circuits:

. The RCCB must be protected upstream against short circuits using a circuit breaker or a fuse. Its resistance to short circuits when associated with a Legrand circuit breaker or fuse is compliant with the values stated in the tables below:

## . Association with a fuse:

| Downstream | Upstream |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| RCCB | $\leq 50 \mathrm{~A}$ | 63 A | 80 A | $\geq 100 \mathrm{~A}$ |
| Rating | 100 kA | 50 kA | 15 kA | 10 kA |
| 16 A to 100 A |  |  |  |  |

. Association with a circuit breaker:

|  |  | Upstream circuit breaker |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \mathrm{DX}^{3} 4500 / 6 \mathrm{kA} \\ \mathrm{P}+\mathrm{N} \\ 1 \mathrm{mod} \end{gathered}$ | $\begin{gathered} \mathrm{DX}^{3} 4500 / 6 \mathrm{kA} \\ 3 \mathrm{P} / 4 \mathrm{P} \\ 3 \mathrm{mod} \end{gathered}$ | $\begin{gathered} \mathrm{DX}^{3} 6000 / 10 \mathrm{kA} \\ \mathrm{P}+\mathrm{N} \\ 1 \mathrm{mod} \end{gathered}$ | DX ${ }^{3} 6000$ / 10 kA |
| Downstream RCCB | Curves | C | C | $B$ \& C | $B, C \& D$ |
|  | In | $\leq 40 \mathrm{~A}$ | $\leq 32 \mathrm{~A}$ | $\leq 40 \mathrm{~A}$ | $\leq 63 \mathrm{~A}$ |
| 2P-230 V | 16 A à 100 A | 6 kA | 10 kA | 10 kA | 16 kA |


|  |  | Upstream circuit breaker |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \mathrm{DX}^{3} 10000 / 16 \mathrm{kA} \\ \mathrm{P}+\mathrm{N} \\ 1 \mathrm{mod} \end{gathered}$ | DX ${ }^{3} 10000$ / 16 kA | DX ${ }^{3} 25 \mathrm{kA}$ | DX ${ }^{3} 36 \mathrm{kA}$ | DX ${ }^{3} 50 \mathrm{kA}$ |
| Downstream RCCB | Curves | C | $B, C \& D$ | $B, C \& D$ | C | $B, C \& D$ |
|  | In | $\leq 20 \mathrm{~A}$ | $\leq 125$ A | $\leq 125 \mathrm{~A}$ | $\leq 80 \mathrm{~A}$ | $\leq 63 \mathrm{~A}$ |
| 2P-230 V | 16 A à 100 A | 16 kA | 25 kA | 36 kA | 50 kA | 70 kA |


|  |  | Upstream circuit breaker |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\mathrm{DPX}^{3} 160$ / DPX ${ }^{3} 160$ + residual current |  |  |  |
|  |  | 16 kA | 25 kA | 36 kA | 50 kA |
| Downstream RCCB | In | $\leq 160 \mathrm{~A}$ | $\leq 160 \mathrm{~A}$ | $\leq 160 \mathrm{~A}$ | $\leq 160 \mathrm{~A}$ |
| 2P-230 V | 16 A à 100 A | 25 kA | 36 kA | 36 kA | 36 kA |

## 5. GENERAL CHARACTERISTICS (continued)

Protection against short circuits (continued):
. Association with circuit breakers: case of a double fault, in IT system - Resistance to the Icc of a single pole

| Downstream RCCB | Circuit breaker upstream |  |  |
| :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \mathrm{DNX}^{3} \\ \mathrm{P}+\mathrm{N} \\ 1 \mathrm{mod} \end{gathered}$ | $\begin{gathered} \mathrm{DX}^{3} \\ \mathrm{P}+\mathrm{N} 1 \mathrm{mod} \end{gathered}$ | $\begin{gathered} \mathrm{DX}^{3} \\ 3 \mathrm{P} / 4 \mathrm{P} \\ 3 \mathrm{mod} \end{gathered}$ |
|  | 4500 A / 4,5 kA | 4500 A / 6 kA |  |
| At 230 V | 4,5 kA | 4,5 kA | 4,5 kA |
| At 400 V | 1,5 kA | 1,5 kA | 3 kA |


| Downstream RCCB | Circuit breaker upstream |  |  |
| :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \mathrm{DX}^{3} \\ \mathrm{P}+\mathrm{N} \\ 1 \mathrm{mod} \end{gathered}$ | $\begin{gathered} \mathrm{DX}^{3} \\ 3 \mathrm{P} / 4 \mathrm{P} \\ 3 \mathrm{mod} \end{gathered}$ | $\begin{gathered} D X^{3} \\ 1 P / 2 P / 3 P / 4 P \end{gathered}$ |
|  | 6000 A / 10 kA |  |  |
| At 230 V | 4,5 kA | 6 kA | 10 kA |
| At 400 V | 3 kA | 3 kA | 3 kA |


| Downstream RCCB | Circuit breaker upstream |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \mathrm{DX}^{3} \\ \mathrm{P}+\mathrm{N} \\ 1 \mathrm{mod} \end{gathered}$ | $\begin{gathered} D X^{3} \\ 1 P / 2 P / 3 P / 4 P \end{gathered}$ | $\begin{gathered} D X^{3} \\ 1 P / 2 P / 3 P / 4 P \end{gathered}$ | $\begin{gathered} D X^{3} \\ 1 P / 2 P / 3 P / 4 P \end{gathered}$ | $\begin{gathered} D X^{3} \\ 1 P / 2 P / 3 P / 4 P \end{gathered}$ |
|  | 10000 A / 16 kA |  | 25 kA | 36 kA | 36 kA |
| At 230 V | 6 kA | 16 kA | 25 kA | 36 kA | 50 kA |
| At 400 V | 3 kA | 4 kA | 6,25 kA | 9 kA | $12,5 \mathrm{kA}$ |

DX ${ }^{3}$ RCCBs - ID
2P up to 100 A

Cat. ${ }^{\circ}(s): 411500,04,05,06,07,08,14,15,16,17,24$, 4115 25, 26, 27, 28, 37, 43, 50, 54, 55, 56, 57, 69, 70, 71, 4115 72, 84, 90, 91, 92
5. GENERAL CHARACTERISTICS (continued)

Power dissipated by the device:

| RCCB |  | Power dissipated by the device (In) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| In | Sensibilité | AC type | A type | AC-S type | A-S type | A-HPI type |
| 16 A | 10 mA | 0,8 W | 0,8 W |  |  |  |
| 25 A | 30 mA | 1,6 W | 1,5 W |  |  | 0,5 W |
| 25 A | 100 mA | 0,5 W |  |  |  |  |
| 25 A | 300 mA | 0,5 W | 0,5 W |  |  |  |
| 40 A | 30 mA | 4 W | 4 W |  |  | 1,2 W |
| 40 A | 100 mA | 1,3 W |  |  |  |  |
| 40 A | 300 mA | 1,3 W | 1,3 W |  |  |  |
| 63 A | 30 mA | 3,1 W | 3,1 W |  |  | 3 W |
| 63 A | 100 mA | 3,1 W |  |  |  |  |
| 63 A | 300 mA | 3,1 W | 3, 1 W | 3 W | 3 W |  |
| 80 A | 30 mA | 5 W | 5 W |  |  |  |
| 80 A | 100 mA | 5 W |  |  |  |  |
| 80 A | 300 mA | 5 W | 5 W |  |  |  |
| 100 A | 30 mA | 7,5 W |  |  |  |  |
| 100 A | 100 mA |  |  | 7,5 W |  |  |
| 100 A | 300 mA | 7,5 W |  |  |  |  |

Temperature derating:
. Reference temperature: $30^{\circ} \mathrm{C}$ in accordance with standard IEC/EN 61008-1

|  | Ambient Temperature/ln |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| In (A) | $-25^{\circ} \mathrm{C}$ | $-10^{\circ} \mathrm{C}$ | $0^{\circ} \mathrm{C}$ | $10^{\circ} \mathrm{C}$ | $20^{\circ} \mathrm{C}$ | $30^{\circ} \mathrm{C}$ | $40^{\circ} \mathrm{C}$ | $50^{\circ} \mathrm{C}$ | $60^{\circ} \mathrm{C}$ |
| 16 A | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 25 A | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 40 A | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 25 | 25 |
| 63 A | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 40 | 40 |
| 80 A | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 63 | 63 |
| 100 A | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 80 | 80 |

DX ${ }^{3}$ RCCBs - ID
2P up to 100 A

Cat. $N^{\circ}(\mathrm{s}): 411500,04,05,06,07,08,14,15,16,17,24$, 4115 25, 26, 27, 28, 37, 43, 50, 54, 55, 56, 57, 69, 70, 71, 4115 72, 84, 90, 91, 92

## 5. GENERAL CHARACTERISTICS (continued)

## Weight per device:

| Référence | Catalogue Number | Weight (kg) |
| :---: | :---: | :---: |
| 411500 | 16 A AC type 10 mA | 0,18 |
| 411504 | 25 A AC type 30 mA | 0,19 |
| 411505 | 40 A AC type 30 mA | 0,19 |
| 411506 | 63 A AC type 30 mA | 0,22 |
| 411507 | 80 A AC type 30 mA | 0,22 |
| 411508 | 100 A AC type 30 mA | 0,20 |
| 411514 | 25 A AC type 100 mA | 0,22 |
| 411515 | 40 A AC type 100 mA | 0,22 |
| 411516 | 63 A AC type 100 mA | 0,22 |
| 411517 | 80 A AC type 100 mA | 0,22 |
| 411524 | 25 A AC type 300 mA | 0,18 |
| 411525 | 40 A AC type 300 mA | 0,18 |
| 411526 | 63 A AC type 300 mA | 0,19 |
| 411527 | 80 A AC type 300 mA | 0,18 |
| 411528 | 100 A AC type 300 mA | 0,19 |
| 411537 | 100 A AC-S type 100 mA | 0,20 |
| 411543 | 63 A AC-S type 300 mA | 0,21 |
| 411550 | 16 A A type 10 mA | 0,19 |
| 411554 | 25 A A type 30 mA | 0,22 |
| 411555 | 40 A A type 30 mA | 0,22 |
| 411556 | 63 A A type 30 mA | 0,22 |
| 411557 | 80 A A type 30 mA | 0,21 |
| 411569 | 25 A A type 300 mA | 0,19 |
| 411570 | 40 A A type 300 mA | 0,19 |
| 411571 | 63 A A type 300 mA | 0,19 |
| 411572 | 80 A A type 300 mA | 0,19 |
| 411584 | 63 A A-S type 300 mA | 0,22 |
| 411590 | 25 A HPI type 30 mA | 0,21 |
| 411591 | 40 A HPI type 30 mA | 0,21 |
| 411592 | 63 A HPI type 30 mA | 0,21 |

## 5. GENERAL CHARACTERISTICS (continued)

Packaged volume and quantity:

|  | Volume $\left(\mathrm{dm}^{3}\right)$ | Packaging |
| :---: | :---: | :---: |
| For all catalogue <br> numbers | 0.35 | per unit |

Isolation distance: (distance between the contacts)
. Handle in open position - O-Off:
Greater than 4.5 mm
Rated insulation voltage:
. $\mathrm{Ui}=250 \mathrm{~V}$
Insulation resistance:
. $2 \mathrm{M} \Omega$
Degree of pollution:
. 2

## Dielectric strength:

. 2000 V - 50 Hz
Impulse withstand voltage:
. Uimp $=4 \mathrm{kV}$

## Protection from false tripping:

. $0.5 \mu \mathrm{~s} / 100 \mathrm{kHz}$ damped recurring wave $=200 \mathrm{~A}$
. $8 / 20 \mu$ s wave:

- A / AC type $=250$ A
- AC-S / A-S and Hpi type $=3000$ A


## Protection classes:

. Terminals protected against direct contact:

- IP20 (wired device)
. Front side protected against direct contact:
- IP40
. Class II in relation to metallic conductive parts
. Protection against impacts:
- IK04


## Plastic materials used:

. Parts made of polyamide and P.B.T.

## Enclosure heat and fire resistance:

. Resistance to incandescent wire tests at $960^{\circ} \mathrm{C}$, in accordance with standard IEC/EN 61008-1
. Classification V2, in accordance with standard UL94

## Device's upper heating value:

. Estimated heating value of a 25 or 40A 30 mA AC device:
2.41 MJ

## Handle opening and closing forces:

. Force of 23 N for closing - (all ratings)
. Force of 8 N for opening - (all ratings)

## 5. GENERAL CHARACTERISTICS (continued)

## Mechanical endurance:

. Conforms to standard NF EN 61008-1
. Tested with 20,000 operations with no load

## Electrical endurance:

. Conforms to standard NF EN 61008-1
. Tested with 10,000 operations with load (at $\ln \times \operatorname{Cos} \varphi 0.9)$
. Tested with 2,000 residual current trip operations using the test button or the fault current

Operating ambient temperature:
. $-25^{\circ} \mathrm{C} /+60^{\circ} \mathrm{C}$
Storage temperature:
. $-40^{\circ} \mathrm{C} /+70^{\circ} \mathrm{C}$

## Specific use:

Appropriate to operate in humid atmosphere and polluted by a chlorined environment (pool-type)

## Derating of RCCBs function of the number of devices placed

 side by side:When several RCCBs are installed side by side and operate simultaneously, the heat dissipation of one pole is limited. This results in an increased operating temperature for the RCCBs which may cause false tripping. Applying the following coefficients to the operating currents is recommended.

| Number of circuit breakers <br> side by side | Coefficient |
| :---: | :---: |
| $2-3$ | 0.9 |
| $4-5$ | 0.8 |
| $6-9$ | 0.7 |
| $\geq 10$ | 0.6 |

These values are provided by recommendation IEC 60439-1 and the standards NF C 63421 and EN 60439-1.
In order to avoid having to use these coefficients there must be good ventilation and the devices must be kept apart using the spacing elements Cat. No. 406307 ( 0.5 module).

Impact of height:

|  | $2,000 \mathrm{~m}$ | $3,000 \mathrm{~m}$ | $4,000 \mathrm{~m}$ | $5,000 \mathrm{~m}$ |
| :---: | :---: | :---: | :---: | :---: |
| Dielectric <br> strength | $2,000 \mathrm{~V}$ | $2,000 \mathrm{~V}$ | $2,000 \mathrm{~V}$ | $1,500 \mathrm{~V}$ |
| Maximum <br> operating <br> voltage | 400 V | 400 V | 400 V | 400 V |
| Derating at <br> $30^{\circ} \mathrm{C}$ | none | none | none | none |

## 5. GENERAL CHARACTERISTICS (continued)

## DC operation:

. Cannot be used with DC
Operation at 400 Hz :
. Cannot be used at 400 Hz

## Operation at 60 Hz :

Can be used at 60 Hz , except ratings 63A/80A, A and AC types, with sensitivity 30 mA , which can be replaced by HPI types of equivalent ratings and sensitivity.

Resistance to sinusoidal vibrations: (in accordance with IEC 68.2.6)
. Axes: x/y/z
. Frequency: 10 to 55 Hz
. Acceleration: $3 \mathrm{~g}\left(1 \mathrm{~g}=9.81 \mathrm{~m} . \mathrm{s}^{-2}\right)$

## Resistance to tremors:

. Conforms to standard NF EN 61008-1

## 6. COMPLIANCE AND APPROVALS

## Reference product standards:

. NF EN 61008-1/IEC 61008-1
. EN/IEC 60529 (IP)

## Environment:

. Compliance with European Union Directives
. Compliance with Directive 2002/95/EC of 27/01/03 known as
"RoHS" which provides for a restriction on the use of dangerous substances such as lead, mercury, cadmium, hexavalent chromium and polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) brominated flame retardants from 1st July 2006
. Compliance with the Directive 91/338/EEC of 18/06/91 and decree 94-647 of 27/07/94

## Usage in special conditions:

. Category C compliant (testing temperature of $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$, resistant to salt spray) in accordance with the classification defined in Appendix Q of standard IEC/EN 60947-1

## Plastic materials:

. Zero halogen plastic materials.
. Labelling compliant with ISO 11469 and ISO 1043.

## Packaging:

. Design and manufacture of packaging compliant with decree 98-638 of 20/07/98 and Directive 94/62/EC
7. CURVES

## Tripping current curves:

. Tripping time curve depending on the value of the fault current:


## Tripping current curves:

. Tripping time curve depending on the value of the fault current:


## 8. AUXILIARIES AND ACCESSORIES

## Wiring accessories:

. Sealable screw cover (Cat. No. 4063 04)
. Supply busbar:

- $\quad \mathrm{HX} 3$ 2-pole supply busbar
. Terminal for aluminium cable with max. $50 \mathrm{~mm}^{2}$ cross-section
(Cat. No. 4063 10)


## Signalling auxiliaries:

. Auxiliary contact ( 0.5 module, Cat. No. 4062 58)
. Fault signalling contact ( 0.5 module, Cat. No. 4062 60)
. Auxiliary contact that can be changed into fault signalling contact ( 0.5 module, Cat. No. 4062 62)
. Auxiliary contact + fault signalling contact that can be changed into
2 auxiliary contacts (1 module, Cat. No. 4062 66)

## Control auxiliaries:

. Shunt trip (1 module, Cat. No. 4062 76, 2 78)
. Undervoltage release (1 module, Cat. No. 4062 80, 2 82)
. Stand-alone release for N/C push-button
(1.5 module, Cat. No. 4062 87)

## Motorised controls:

. Motor-driven control (1 module, Cat. No. 4062 91)
. Motor-driven control with integrated automatic reset
(2 modules, Cat. Nos. 4062 93, 2 95)
Possible combinations of auxiliaries and RCCBs:
. The auxiliaries are installed to the left of the RCCBs
. Maximum number of auxiliaries $=3$
. Maximum number of 1 module signalling auxiliaries $=2$
. Maximum number of control auxiliaries
(Cat. Nos. 406276 to 4062 87) = 1
. The control auxiliary (trip Cat. Nos. 406276 to 4062 87) must mandatorily be placed to the left of the signalling auxiliaries (Cat. Nos. 406258 to 4062 66) where the auxiliaries from these 2 families are connected to the same RCCB

## Sealing:

. Possible in the open or closed positions

## Lockout possibilities:

. Via Ø 5 mm padlock (Cat. No. 4063 13) or $\varnothing 6$ mm padlock
(Cat. Nos. 0227 97) and padlock support (Cat. No. 4063 03)
Installation software:
. $\mathrm{XL} \mathrm{PRO}^{3}$

## 9. SAFETY

. For your safety your electrical installation is equipped with residual current protection and this must be tested periodically. In the absence of any national regulations on the time period required for this, Legrand recommends that this test be carried out every month: press the " $T$ " test button, the device should trip. Please call an electrician immediately if this does not happen as your installation's safety level has been reduced
. The presence of residual current protection does not remove the need to observe all the precautions associated with using electrical energy

