



IDB-4 4P-63A -30 mA

IDB-4 4P-63A -30 mA, Residual current relay

Code: P17231.

- > Poles: 4
- > In (A): 63 A
- > Sensitivity: 30 mA
- > Mounting: DIN rail

Description

Residual current protection device for the protection of people and property against fault currents, such as:

- Sinusoidal alternating currents and pulsating residual direct currents.
- Sinusoidal alternating currents, up to 1 kHz.
- Smooth direct currents

For installations up to 40 or 63 A and sensitivities of 30 or 300 mA.
INSTantaneous tripping curve.

Application

All electrical installations where process continuity is critical and the protection of persons (30 mA) and machines (300 mA) is required, with non-adjustable immediate activation.

Such as, for example:

- Computer systems (UPS)
- Speed drives
- Photovoltaic installations
- Electric vehicle charging systems



IDB-4 4P-63A -30 mA

RCCB type B Instantaneous 30 mA and 300 mA

Code: P17231.

Specifications

AC power supply

| | |
|-----------------|-------------------|
| Frequency | 50/60 Hz |
| Nominal voltage | 230 V ~ / 400 V ~ |

Electrical characteristics

| | |
|---------------------|-----------------|
| Mechanical life | 4000 operations |
| Electrical lifetime | 2000 cycles |

Mechanical characteristics

| | |
|----------------------------------|----------------------|
| Size (mm) width x height x depth | 72 x 80 x 68 (mm) |
| Fastening | DIN 46277 (EN 50022) |
| Weight (kg) | 0,345 |

Environmental characteristics

| | |
|--|---------------------------------------|
| Protection class | IP 20 (terminals), IP 41 (rear panel) |
| Relative humidity (without condensation) | 95% |
| Working temperature | -25 ... +65 °C |

Current measurement circuit

| | |
|----------------------|------|
| Nominal current (In) | 63 A |
|----------------------|------|

Standards

| | |
|--|-------------------------------------|
| Electrical safety, Maximum height (m) | 2000 |
| Electrical safety, Installation category | CAT III |
| Standards | IEC 61008, IEC 62423, IEC 61008-2-1 |

Electrical safety

| | |
|------------|---|
| Insulation | Double-insulated electric shock protection class II (IEC 61010-1) |
|------------|---|

Differential protection

| | |
|-------------------------------|--|
| Type | Type B |
| Sensitivity (I Δ n), A | 0,03 |
| Delay time (t Δ) | Instantaneous or General (IEC 61008-1) |

IDB-4
Type B RCCB



IDB-4 4P-63A -30 mA

RCCB type B Instantaneous 30 mA and 300 mA

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| CODE | TYPE | In (A) | Mounting | Poles | Sensitivity |
|---------|---------------------|--------|----------|-------|-------------|
| P17221. | IDB-4 4P-40A-30 mA | 40 A | DIN rail | 4 | 30 mA |
| P17222. | IDB-4 4P-40A-300 mA | 40 A | DIN rail | 4 | 300 mA |
| P17231. | IDB-4 4P-63A -30 mA | 63 A | DIN rail | 4 | 30 mA |
| P17232. | IDB-4 4P-63A -300mA | 63 A | DIN rail | 4 | 300 mA |

For three-phase and single-phase networks

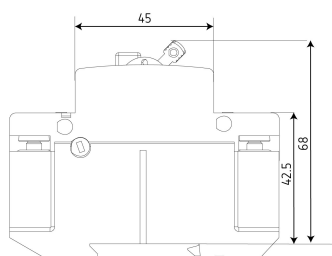
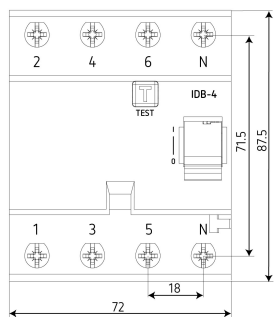


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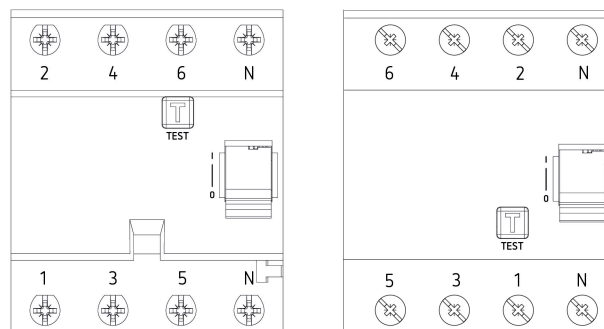
Dimensions



Connections

IMPORTANTE: Compruebe qué identificación de bornes tiene su dispositivo a instalar. Asegúrese de conectar los cables correctamente conforme a la identificación de los bornes.

IMPORTANT: Check the terminal identification of your device to be installed. Be sure to connect the wires correctly according to the terminal identification.



Consulte la guía correspondiente a su equipo aquí:
Please refer to the manual for your equipment here:

