





IDB-4 4P-40A-300 mA, Residual current relay

Code: P17222.

> Poles: 4

> In (A): 40 A

> Sensitivity: 300 mA > Mounting: DIN rail

## Description

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

- o 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:

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







RCCB type B Instantaneous 30 mA and 300 mA  $\,$ 

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## **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)	0,3
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)	40 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	
Туре	Туре В
Sensitivity (I∆n), A	0,3
Delay time (tΔ)	Instantaneous or General (IEC 61008-1)

#### IDB-4

Type B RCCB









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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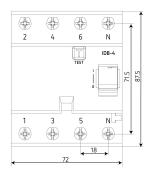
Type B RCCB

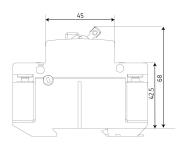
#### Dimensions

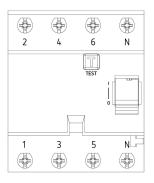
#### Connections

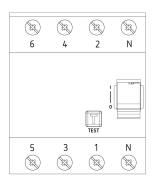
IMPORTANTE: Compruebe qué identificación de bornes tiene su dispositivo a instalar. Asegúrese de conectar los cables correctamente conforme a la identificación de los bornes.

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:



