



RGMD-TB-4-40

RGMD-TB-4-40, residual current protection and circuit breaker protection kit, 40 A, 4 poles

Code: P15005.

- > Módulos: 8
- > $I_{\Delta n}$ (A): 0,1...3 A
- > In (A): 40 A
- > Delay: 0,1 ... 10 s
- > Cut off power: 6 kA
- > Mounting: DIN rail

Description

Ultraimmunised residual current and circuit breaker protection device. Compact solution mounted on DIN rails, used to prevent unwanted tripping in electrical installations.

Electronic residual current protection at 30 or 300 mA guarantees a high degree of immunity and displays the presence of voltage on the electric panel with LEDs.

- Easy cabling of the system's elements.
- Used in single and three-phase installations of up to 63 A.

Application

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

- Computer systems (UPS systems)
- Air-conditioning/cooling systems
- Lifts/Service lifts
- Alarm Systems



RGMD-TB-4-40

Type B Ultraimmunised Earth Leakage Circuit Breaker

Code: P15005.

Specifications

AC power supply

Frequency	50/60 Hz
Nominal voltage	230 V ~ ($\pm 20\%$)

Mechanical characteristics

Size (mm) width x height x depth	140 x 91.6 x 72 (mm)
Fastening	DIN 46277 (EN 50022)
Weight (kg)	1

Environmental characteristics

Protection class	IP 20 (terminals), IP 41 (box)
Operating temperature	-10 ... +50 °C

Standards

Standards	IEC 60947-2-M
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Digital relay outputs

Nominal current	6A
Nominal voltage	250 V ~

Differential protection

Type	Type B
Sensitivity ($I_{\Delta n}$), A	0.1/0.3/0.5/1/3 A
Delay time (t_{Δ})	0.1-0.2-0.3-0.4-0.5-0.75-1-5-10
Transformer	External, WGS-20 TB series

Protection

LED indication	Power supply voltage Earth leakage tripping Prealarm
Circuit breaker type	Built-in circuit breaker and component: circuit breaker

Thermal-magnetic protection

Trip curve, Type	C (otras consultar)
Nominal current I_n (A)	40
Breaking capacity	6 kA (EN 60898) or 10 kA (IEC 60947-2)
Nominal voltage	240 V ~ / 415 VA ~

RGMD-TB

Residual current protection set type B with MCB protection and trip coil included



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CODE	TYPE	In (A)	IΔn (A)
RGMD-TB Series, type B - 4 poles			
P15001.	RGMD-TB-4-16	16 A	0,1...3 A
P15002.	RGMD-TB-4-20	20 A	0,1...3 A
P15003.	RGMD-TB-4-25	25 A	0,1...3 A
P15004.	RGMD-TB-4-32	32 A	0,1...3 A
P15005.	RGMD-TB-4-40	40 A	0,1...3 A
P15006.	RGMD-TB-4-63	63 A	0,1...3 A

It includes an RGU-10B residual current relay, transformer (25 mm Ø) and a coil circuit breaker, C curve, 6 kA (EN 60898). Curve 10 kA (IEC 60947-2) check



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Dimensions

