



RGMD-TB-4-40

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

Code: P15005. **DESCATALOGADO**

- > Módulos: 8
- > $I_{\Delta n}$ (A): 0,1...3 A
- > I_n (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 ~ (± 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 |
|-----------|---------------|

Digital relay outputs

| | |
|-----------------|---------|
| Nominal current | 6A |
| Nominal voltage | 250 V ~ |

Differential protection

| | |
|----------------------|---------------------------------|
| Type | Type B |
| Sensitivity (IΔn), A | 0.1/0.3/0.5/1/3 A |
| Delay time (tΔ) | 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 In (A) | 40 |
| Breaking capacity | 6 kA (EN 60898) or 10 kA (IEC 60947-2) |
| Nominal voltage | 240 V ~ / 415 VA ~ |

It includes an RGU-108 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

