



## RGMD-2-25-300

RGMD-2-25-300, Residual current relay

Code: P13253. DESCATALOGADO

- > Poles: 2
- > In (A): 25 A
- > Sensitivity: 300 mA
- > 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-2-25-300

Ultraimmunised Earth Leakage Circuit Breaker

Code: P13253.

### Specifications

#### AC power supply

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

#### Mechanical characteristics

|                                  |                      |
|----------------------------------|----------------------|
| Size (mm) width x height x depth | 70 x 91.6 x 72 (mm)  |
| Fastening                        | DIN 46277 (EN 50022) |
| Weight (kg)                      | 0,236                |

#### Environmental characteristics

|                     |                                       |
|---------------------|---------------------------------------|
| Protection class    | IP 20 (terminals), IP 41 (rear panel) |
| Working temperature | -10 ... +55 °C                        |

#### Coil characteristics

|                              |         |
|------------------------------|---------|
| Nominal control voltage (Uc) | 230 V ~ |
|------------------------------|---------|

#### External reset input for tripping

|      |              |
|------|--------------|
| Type | Voltage free |
|------|--------------|

#### Standards

|           |  |
|-----------|--|
| Standards | IEC 60947-2-M, IEC 60898, IEC 61008-1, IEC 60755 |
|-----------|--|

#### Digital relay outputs

|                 |         |
|-----------------|---------|
| Nominal current | 5 A     |
| Nominal voltage | 230 V ~ |

#### Differential protection

|                                   |  |
|-----------------------------------|--|
| Type                              | Type A ultra-immunised                 |
| Sensitivity ( $I_{\Delta n}$ ), A | 0,3                                    |
| Delay time (t $\Delta$ )          | Instantaneous or General (IEC 61008-1) |
| Transformer                       | External, WGC / WGS series             |

#### Protection

|                      |  |
|----------------------|--|
| LED indication       | Voltage presence Earth leakage tripping Sensor disconnection     |
| Measure              | True root mean square (TRMS)                                     |
| Circuit breaker type | Built-in circuit breaker and component: RG1M earth leakage relay |

#### Thermal-magnetic protection

|                  |                     |
|------------------|---------------------|
| Trip curve, Type | C (otras consultar) |
|------------------|---------------------|



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|                           |                                   |
|---------------------------|-----------------------------------|
| Nominal current $I_n$ (A) | 25                                |
| Breaking capacity         | 6 kA (EN 60898), (consult others) |
| Nominal voltage           | 240 V ~ / 415 VA ~                |

It features an RGIM residual current relay, WGS/WGC residual current transformer and C curve circuit breaker, 6 kA (IEC 60898) with 230 Vac trigger coil. Curve 10 kA (IEC 60947-2) check

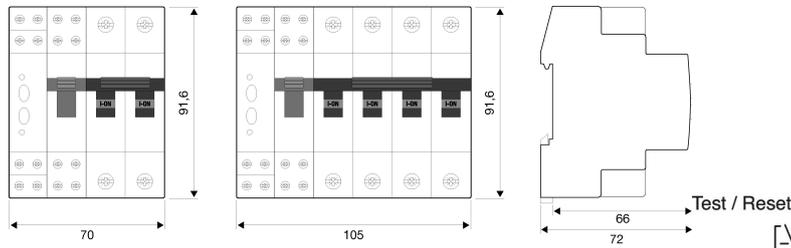


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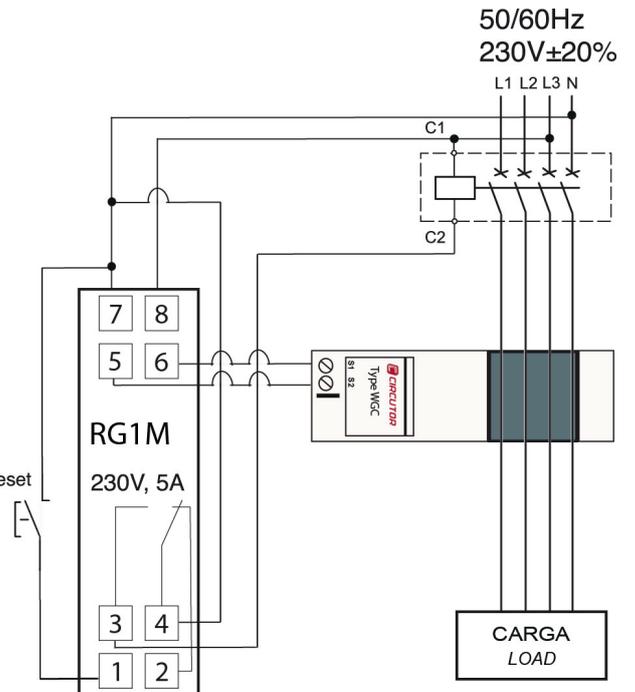
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## Dimensions



## Connections



Disparo por BOBINA DE EMISIÓN  
 - Rearme manual.  
 Trip by SHUNT COIL.  
 - Manual reclose.