



RG1M - 0,3, sidual current relay

Code: P12214.

> Módules: 1 > N° relays: 1

> I∆n (A): 0,3 A

> Power supply (Vac): 230 Vac

> Delay: 0,02 S > Mounting: DIN rail

Description

Electronic residual current protection relay of the WGC series connected to the external toroidal transformers of the WGC series. These are highly reliable electronic relays with the option of having fixed or adjustable sensitivity and delay:

- \circ True root mean square measure, TRMS.
- Assembly on **DIN 46277** rail (**EN 50022**)
- $\circ \ \ \mathsf{Reduced} \ \mathsf{single}\text{-}\mathsf{module} \ \mathsf{size}.$

LED status indication:

- O Power LED ON. Device powered on.
- o Leakage LED ON. Tripped relay.
- o Power LED flashing and leakage LED ON. Detection of a continuity fault in the transformer.

Application

RG1M relays used with WGC transformers offer a full residual current protection in single-phase and threephase lines.







Electronic residual current relay with external transformer of the WGC series $\,$

Code: P12214.

Specifications

| CAT III 300 Vac (IEC 61010) |
|---|
| 4 VA |
| 50/60 Hz |
| 230 V ~ (± 20 %) |
| |
| 17.5 x 90 x 72 (mm) |
| DIN rail |
| 0,104 |
| |
| IP 20 |
| 5 95 % |
| -10 +65 °C |
| |
| 2000 |
| CAT III 300V ca |
| IEC 60947-2-M |
| |
| Double-insulated electric shock protection class II (IEC 61010-1) |
| |
| 5 A |
| 250 V ~ |
| 1250 VA |
| 100x10 ³ (at 85 °C) |
| 1250 VA |
| |
| 0,3 |
| 0,02 s |
| External, WGC series |
| |
| |
| |



Page 2 of 4





Electronic residual current relay with external transformer of the WGC series

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Measure

True root mean square (TRMS)

RG1M

Residual current relays 1 module

| CODE | TYPE | Nº relays | IΔn (A) |
|---------|-------------|-----------|---------|
| P12204. | RG1M - 0,03 | 1 | 0,03 A |
| P12214. | RG1M - 0,3 | 1 | 0,3 A |

Requires a WGC residual current transformer



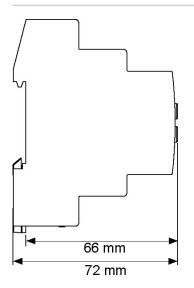


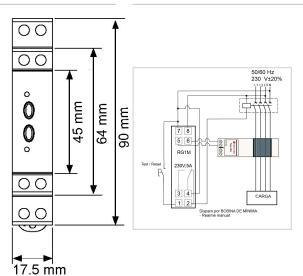
Electronic residual current relay with external transformer of the WGC series

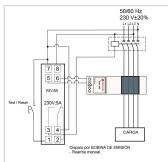
Code: P12214.

Dimensions

Connections







Page 4 of 4

