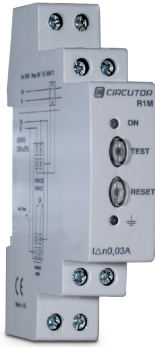


RG1M

Electronic earth leakage relay with external transformer of the WG / WGC series



Compatible with **WGC** earth leakage transformers

Descripción

Electronic earth leakage protection relay of the WG series connected to the external toroidal transformers of the **WG / WGS / WGC** series.

These are highly reliable electronic relays with the option of having fixed or adjustable sensitivity and delay:

- True root mean square measure, TRMS.
- Assembly on **DIN 46277** rail (**EN 50022**)
- Reduced single-module size.

LED status indication:

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

Applications

RG1M relays used with **WG / WGC** transformers offer a full earth leakage protection in single-phase and three-phase lines.

Technical features

Protection	Class	85...264 Vac / 120...374 Vdc
	Measurement	47...63 Hz
	Sensitivity	5...8 VA
	Delay	INS (instantaneous)
	Earth leakage transformer	External, WG / WGC series
	Test and reset	Using buttons T and R
	Remote control	External test option
	Associated circuit breaker	Contact or circuit breaker using a trigger coil
	LED indicators	Power supply voltage Leakage trip Disconnection of external transformer
	Circuit breaker control	Output of NO / NC changeover contact relay, according to the circuit breaker type
Electrical features	Auxiliary power supply	230 Vac ($\pm 20\%$) 50 / 60 Hz
	Output contacts	250 Vac, 6 A
	Operating temperature	250 Vac
Mechanical features	Attachment	DIN 46277 rail (EN 50022)
	Dimensions	1 module
	Weight	85 g
	Protection degree	IP 20
Standards	IEC 60947-2, IEC 60755, IEC 62020, IEC 61008	

Maximum operating time (s) for $I_{\Delta n}$

Type	$I_{\Delta n}$	$1 \cdot I_{\Delta n}$	$2 \cdot I_{\Delta n}$	$5 \cdot I_{\Delta n}$	500 A
INSTantaneous	All values	0.3	0.15	0.04	0.04

Standardised values in accordance with **IEC 61008-1**

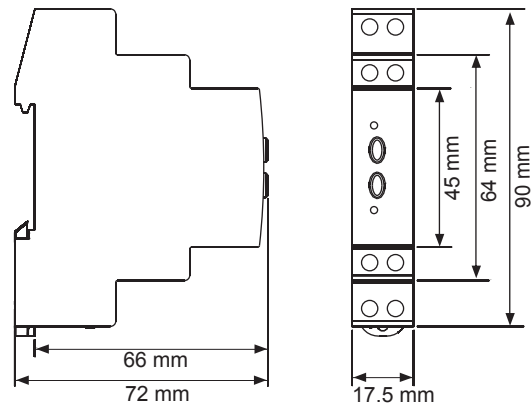
RG1M

Electronic earth leakage relay with external transformer of the WG / WGC series

References

Type	Code	I_n	Delay
RG1M-0,03	P12204	0,03	INS
RG1M-0,3	P12214	0,3	INS

Dimensions



Connections

