



Protection and Control

RGU-2

Electronic monitoring and earth leakage protection relay

Smart protection within your reach



Technology for energy efficiency





Service continuity warranty



Preventive control



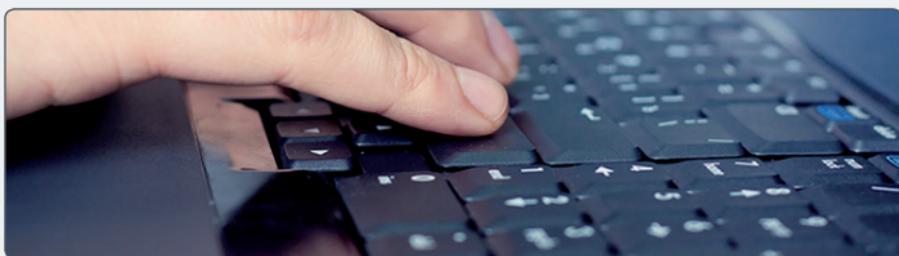
Easy leakage diagnostics



Space saving

Application

For the protection and control of:



Computer units (UPS)



Speed drives

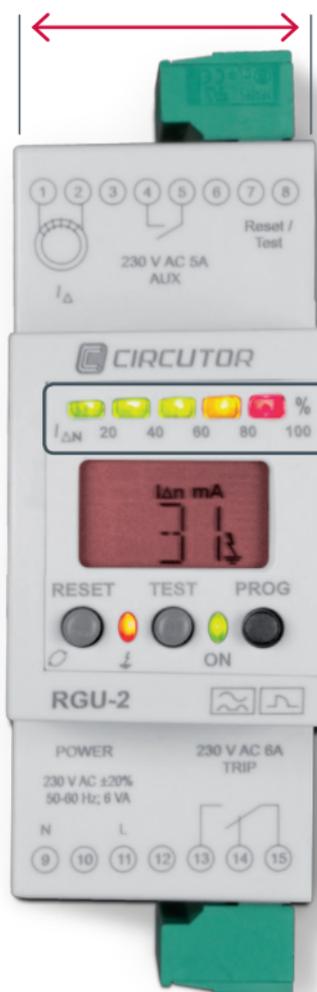


Lighting with electronic ballasts

Electronic monitoring and earth leakage protection relay

The earth leakage relay **RGU-2** is an electronic unit with two modules that can be used as earth leakage protection against direct and indirect contacts and as a monitor for displaying leakage currents. Programmable with LCD display and LED bar for providing qualitative indications of the level of leakage occurring in the installation.

Reduced dimensions, only 2 modules, and installable on a DIN rail. For use in low voltage electrical single-phase, three-phase or three-phase installations with neutral. Apt for all available neutral diagrams, either as the main or ancillary protection. Its installation is recommended in TT, TN-S and IT systems.

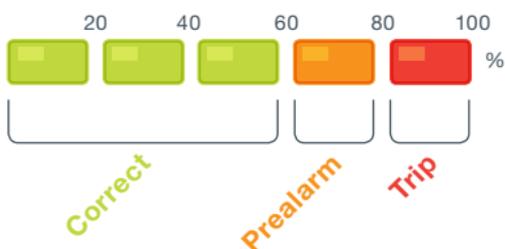


Only 2 modules

Saves space in the electric panel with its reduced size

Instantaneous display

LED bar for instantaneous detection of the level of leakage current



Preventive maintenance

Alarm and prealarm relay for indicating events



Class A ultra-immunized against unwanted tripping

Programmable

Programmable relay for:

Sensitivity: 30 mA...5 A

Delay: (INS, SEL) 0.1 ... 5 s



External Test/Reset

Connection/Disconnection
by external input



Display (LCD)

Leakage current
and parameters set



RCM*

Earth leakage
monitoring

Audible and
visual alarms

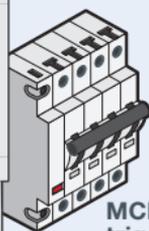


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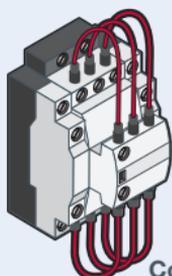
MRCD*

Earth leakage
protection

Components associated
with the MRCD function:



MCB +
trigger
coil



Contactor

*Residual Current Monitoring

*Modular Residual Current Device



Locking and Safety

Possibility of locking the setup menu with buttons or sealing the PROG button

True root mean square measurement (TRMS)



Trip current adjustable to 85%

Standard

IEC 60755,
IEC 60947-2, IEC 62020

Technical features

Main	Class	A Ultra-immunized
	Sensitivity	30 mA...5 A
	Maximum power consumption	6 VA
	Trigger delay	IN, SEL 0.1 ... 5 s
Power supply	Rated voltage	120...230 Vac.
	Tolerance	±20%
	Frequency	50 ... 60 Hz
	Unit consumption	4 VA
	Category	CAT III 300 V
Operating conditions	Relative humidity	5% to 95%
	Operating temperature	-10 – +50°C
	Maximum altitude	2,000 m
Mechanical features	Assembly	DIN rail
	Dimensions	35 x 111 x 84.4 mm
	Protection degree	IP 40

References

Type	Code
RGU-2	P11A61



Associated Transformers

Type	Section	Width	Height	Code
WGC-25	Ø 25 mm	60.5 mm	64 mm	P10151
WGC-35	Ø 35 mm	70.5 mm	75.5 mm	P10152
WGC-55	Ø 55 mm	92 mm	98 mm	P10153
WGC-80	Ø 80 mm	124.5 mm	130 mm	P10154
WGC-110	Ø 110 mm	163 mm	168 mm	P10155
WGC-140	Ø 140 mm	201 mm	206 mm	P10156
WGC-180	Ø 180 mm	252 mm	256 mm	P10157
WGC-220x105	220 x 105 mm	314 mm	211 mm	P10158
WGC-350x150	350 x 150 mm	479 mm	256 mm	P10159
WGC-500x200	500 x 200 mm	614 mm	306 mm	P10160



CIRCUTOR, SA - Vial Sant Jordi, s/n
08232 Viladecavalls (Barcelona) Spain
Tel. (+34) 93 745 29 00 - Fax: (+34) 93 745 29 14
central@circutor.com