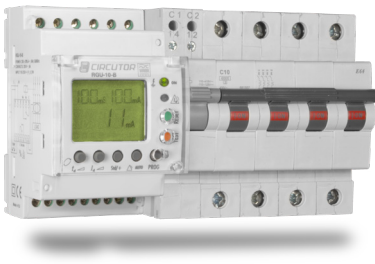


# RGMD-TB

## Type B earth Leakage Circuit Breaker



Compatible with differential transformers **WGS-20 TB**

### Description

Earth leakage type B and circuit breaker protection device. Compact solution mounted on DIN rails.

Programmable from 100 mA up 3 A earth leakage and circuit breaker protection device type B with a current transformer type **WGC-20 TB**, guarantees the loads protection and furthermore the visualization of the leakage current.

- Easy cabling of the system's elements.
- Used in single and three-phase installations of up to 63 A

### Applications

All electrical installations where process continuity is critical and protection of machines ( $\geq 100$  mA) is required, with adjustable or immediate activation.

Such as, for example:

- Speed drives
- UPS (Uninterruptible Power Supply systems)
- Photovoltaic installations
- Motor control devices, etc Características técnicas

### Technical features

<b>Earth leakage protection</b>	Built-in element	<b>RGU-10B</b> earth leakage relay
	Type	Tipo B ( <b>IEC-60947</b> anexo M)
	Sensitivity, $I\Delta$	0,1 A; 0,3 A; 0,5 A; 1 y 3 A
	Trip delay, $t\Delta$ (sec)	0,1-0,2-0,3-0,4-0,5-0,75-1-5-10
	Test & Reset	Using buttons T & R
	Remote control	Test and Reset remotely
	LED indicators	Power supply voltage Leakage trip Pre-alarm
	Display	Leakage current (instantaneous value) Trip current (red LCD) Parameter programming <b>WGC-TB</b> transformer disconnection
	Remote signaling	Alarm Prealarm
	Control element	Emission coil 230 Va.c.
<b>Circuit breaker protection</b>	Sensor element	Current transformer <b>WGS-20-TB</b>
	Built-in Element	Circuit breaker
	Current, $I_n$	16-25-32-40-63 A
	Number of poles	4
	Rated Voltage, $U_n$	240 / 415 Va.c.
<b>Electrical features</b>	Trip curve	C (other curves consult)
	Cut off power	6 kA or 10 kA
	Auxiliary power supply	230 Va.c. $\pm 20\%$ 50/60 Hz, 6 VA
	Output contacts	250 Va.c., 6 A
<b>Mechanical features</b>	Operating temperature	-10...+50 °C
	Attachment	<b>DIN rail 46277 (EN 50022)</b>
	Dimensions	4 poles: 8 DIN rail modules
	Weight	
	Protection Degree	Terminals IP 20, back panel IP 41
<b>Standards</b>	<b>IEC 60947-2</b> annexed M	

# RGMD-TB

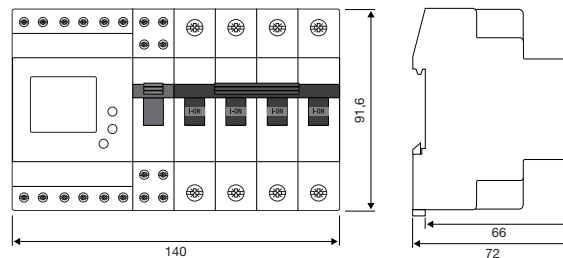
## Type B earth Leakage Circuit Breaker

### References

Type	Code	$I_n$	$I_{cc}$
RGMD-TB-4-16	P15001.	16 A	6 kA
RGMD-TB-4-16	P15011.	16 A	10 kA
RGMD-TB-4-20	P15002.	20 A	6 kA
RGMD-TB-4-20	P15012.	20 A	10 kA
RGMD-TB-4-25	P15003.	25 A	6 kA
RGMD-TB-4-25	P15013.	25 A	10 kA
RGMD-TB-4-32	P15004.	32 A	6 kA
RGMD-TB-4-32	P15014.	32 A	10 kA
RGMD-TB-4-40	P15005.	40 A	6 kA
RGMD-TB-4-40	P15015.	40 A	10 kA
RGMD-TB-4-63	P15006.	63 A	6 kA
RGMD-TB-4-63	P15016.	63 A	10 kA

It incorporates **RGU-10B**, toroidal and circuit-breaker differential relay with coil, curve C, 6 kA (EN 60898) or 10 kA (IEC 60947-2)

### Dimensions



### Connections

