



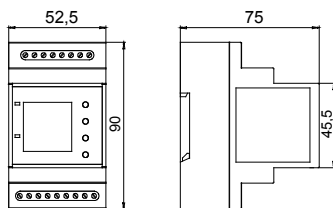
Description Residual current relay with separate toroid

Type B

Dimensions 3 modules

Standard	EN 60947-2 Annex M	Red LED report	Exceeding the threshold $I_{\Delta n}$ after the delay time Δt
Rated operating voltage (U_e)	230 V ac	Green LED report	Device properly powered
Operating voltage range	$0,85 \times U_e - 1,1 \times U_e$	Blinking green LED report	Exceeding the $I_{\Delta n}$ pre-alarm threshold
Rated frequency (Hz)	50 Hz / 60 Hz	Local reset	Yes
Regulation of $I_{\Delta n}$	0,03 - 0,1 - 0,3 - 0,5 - 1 - 3 - 5 - 10 A	Remote Reset	Yes
Regulation of delay time Δt	0,1 - 0,2 - 0,3 - 0,4 - 0,5 - 0,75 - 1 - 5 - 10 s	Local test	Yes
Insulation class	II	Alarm output contact type	Changeover (250 V - 10A - AC1)
Rated operating voltage with reference to the controlled circuit (U_n)	400V ac	Fault output contact type	Changeover (250 V - 10A - AC1)
Rated insulation voltage with reference to the controlled circuit (U_i)	0,72 kV	Minimum switchable load of output contact	300 mW (5 V / 5 mA)
Rated impulse withstand voltage with reference to the controlled circuit (U_{imp}) (cat. III)	4 kV	Maximum cable section (rigid/flexible)	2.5 mm ²
Rated insulation voltage with reference to the voltage source (U_i)	300V	Tightening torque	0,5 Nm
Rated impulse withstand voltage with reference to the voltage source (U_{imp}) (cat. III)	4 kV	Working temperature	-5°C +40°C (average ≤ 35 °C / 24 h)
Rated short-time withstand current (I_{cw})	40 kA (0,5 s)	Storing temperature	-25 °C +55 °C (+70 °C < 24 h)
Rated short-time withstand residual current ($I_{\Delta w}$)	40 kA (0,5 s)	Humidity	5 % ÷ 90 %
-	-	Maximum installation altitude	2.000 m

DIMENSIONAL





Product Data Sheet

GW96331B

90 AM Range

STANDARDS/APPROVALS

