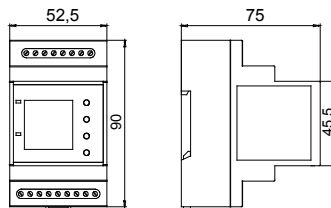




Description Residual current relay with separate toroid  
Type B  
Dimensions 3 modules

|   |   |   |  |
|---|---|---|--|
| Standard  | EN 60947-2 Annex M                                | Red LED report                            | Exceeding the threshold $I_{\Delta n}$ after the delay time $\Delta t$ |
| 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 $\Delta t$   | 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 <sup>2</sup>  |
| 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 $\leq 35$ °C / 24 h)                               |
| Rated short-time withstand current ( $I_{cw}$ )   | 40 kA (0,5 s)                                     | Stocking 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 % $\pm$ 90 %   |
| -   | -   | Maximum installation altitude             | 2.000 m  |

## DIMENSIONAL





Product Data Sheet

**GW96331B**

90 AM Range

STANDARDS/APPROVALS

