

Datasheet Earth Leakage Monitoring Iso-1

Interface and functions:

- LED-display: Presents current level of ground fault in mA with the use of four figures in normal operation status as well as programmed larms and warning levels in programming mode.
 - Warning LED: If the current ground fault level exceed the pre-programmed warning level, this will be indicated through a blinking 2Hz LED in normal operations mode.
 - Alarm LED: If the current ground fault level exceed the pre-programmed warning level, this will be indicated through a blinking 2Hz LED in normal operations mode. A blinking 1Hz LED in normal operations mode indicates that the set alarm level has been exceeded at an earlier time (alarm memory).
 - Reset button: This button is used to reset the alarm memory.
 - Warning button: This button is used to show and change programmed set warning level. The warning level becomes visible through a brief pressure on this button and is indicated by a permanent light on the warning LED.
 - Alarm button: This button is used to show and change the programmed set level alarm. The alarm level becomes visible through a brief pressure on this button and is indicated by a permanent light on the warning LED.
 - Delay button: This button is used to show and change the programmed time delay. The set delay becomes visible through a brief pressure on this button and is indicated by a the letter "d" followed by the level on the LED-displayen.
- Note: The delay is only intended for alarm relays.
- + button: This button is used to increase the chosen level of the parameter at programming level
 - - button: This button is used to decrease the chosen level of the parameter at programming level



Earth leakage monitoring unit Iso-1

Technical data

Article number:	670201 670202 with harmonics filter								
Power supply:	230 VAC max. 7 VA								
Max. input current:	<table border="0" style="font-size: small;"> <tr> <td>Max. time at AC</td> <td></td> </tr> <tr> <td>< 200 A</td> <td>unlimited</td> </tr> <tr> <td>200-500 A</td> <td>40 seconds</td> </tr> <tr> <td>500-1000 A</td> <td>5 seconds</td> </tr> </table>	Max. time at AC		< 200 A	unlimited	200-500 A	40 seconds	500-1000 A	5 seconds
Max. time at AC									
< 200 A	unlimited								
200-500 A	40 seconds								
500-1000 A	5 seconds								
Connection types:	Wago cage clamps, max. 2,5 mm ² , AWG 28-AWG 12								
Cycle time:	1 second								
Relay connectors:	Max 1A, 250 VAC, change over contacts								
Dimensions:	WxHxD 96 x 96 x 100 mm								
Weight:	520 g								



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Programming

Note: When programming, the level of the chosen parameter can be adjusted in three different speeds. This is done by pushing and holding "+" or "-" until the wanted value is obtained.

Warning level:

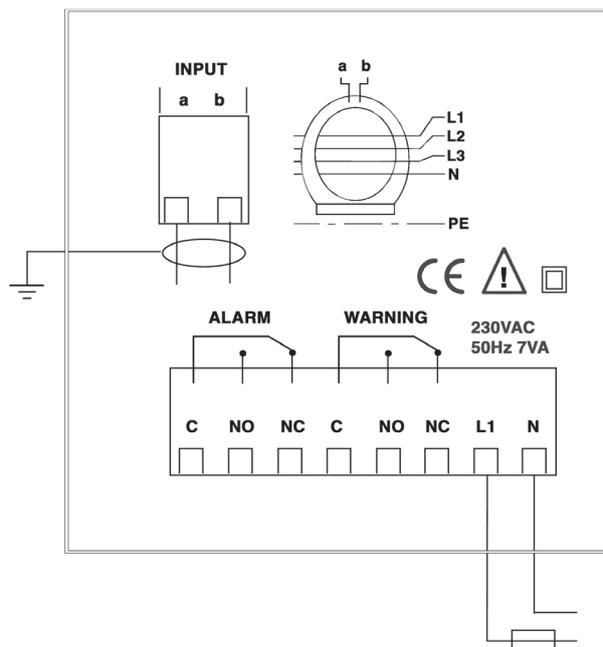
The warning button is used to indicate the warning level. Push and hold for about 5 seconds until the programming mode is activated, which will be indicated by the LED-display shutting down and then lightens up again. Keep the button held down. Now use the "+" and "-" buttons to adjust the level to the wanted value. The new level will be registered and activated directly after releasing the warning level button. Adjustable level is 0-9999 mA.

Alarm level:

The alarm level button is used to indicate the alarm level. Push and hold for about 5 seconds until the programming mode is activated, which will be indicated by the LED-display shutting down and then lightens up again. Keep the button held down. Now use the "+" and "-" buttons to adjust the level to the wanted value. The new level will be registered and activated directly after releasing the alarm level button. Adjustable level is 0-9999 mA.

Time delay:

The time delay button is used to indicate the programmed time delay. Push and hold for about 5 seconds until the programming mode is activated, which will be indicated by the LED-display shutting down and then lightens up again. Keep the button held down. Now use the "+" and "-" buttons to adjust the level to the wanted value. The new level will be registered and activated directly after releasing the time delay button. Adjustable level is 0-200 seconds.



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