

# WRN-22

Earth leakage relay with built-in transformer



## Description

The **WRN-22** relay is an earth leakage relay with a built-in earth leakage transformer, with a diameter Ø 22 mm

- DIN 46277 Symmetrical profile coupling (EN 50022)
- The leakage is detected by means of sampling the earth leakage intensity and calculating its true root mean square (TRMS)
- Detection of the presence of voltage with LEDs
- TEST button.

## Application

The **WRN-22** earth leakage protection is a very interesting solution for small-scale installations with reduced space.

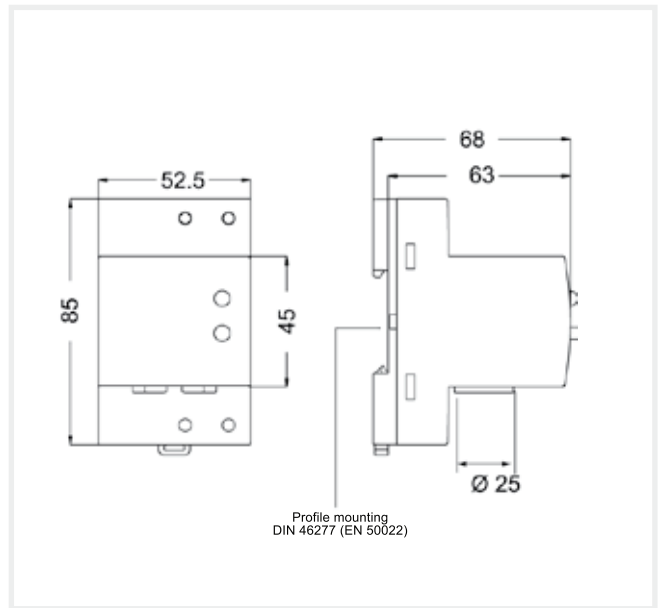
## Features

<b>Protection</b>	
Class	A
Measurement	True root mean square (TRMS)
Sensitivity	0,01 A / 0,03 A / 0,30 A (depending on the type)
Delay	0.02 s
Earth leakage transformer	Internal
Test	With built-in button, TEST
Associated circuit breaker	Circuit breaker + trigger coil
Relay signaling	<ul style="list-style-type: none"> <li>• Power supply voltage</li> <li>• Leakage trigger</li> </ul>
Remote signaling (outputs)	-
Remote Control (inputs)	External test
Circuit breaker control	Voltage 230 Vac
<b>Features</b>	
Auxiliary power supply	230 Vac (± 20 %) 50 / 60 Hz
Output contacts	-
Operating temperature	-10 ... +50 °C
<b>Construction features</b>	
Fixing	DIN rail
Dimensions	3 modules
Weight	146 g
Degree of protection	IP 20 Terminals, IP 41 back panel
<b>Standards</b>	
IEC 1008, IEC 255-5, UNE 801-2, UNE 801-3, UNE 801-4, UNE 60730-1	

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## Dimensions



## References

Size	Useful diameter (mm)	$I_n$ (A)	Delay (s)	Type	Code
3 modules	22	0,03	0,02	WRN-22-0.03	P14211
3 modules	22	0,3	0,02	WRN-22-0.3	P14212
3 modules	22	0,01	0,02	WRN-22-0.01	P14214

## Connections

