

# Alarm relay

with acknowledge and flash functions

# SMR 100



## Description

The input of the alarm relay SMR 100 is formed by a logic OR operation of six voltage inputs. Both relays pick-up as soon as voltage is applied to the inputs Fault 1 to Fault 4. The Fault inputs 5 and 6 operate with a delayed pick-up of approx. 30 s before enabling the relays.

Relay 1 remains activated for as long as one of the fault alarm signals is applied.

A flash function with a flash rate of 0.5 Hz can be selected for relay 2. Pending as well as new fault alarm signals can be acknowledged by pressing a button on the outside of the module.

LEDs indicate the control state of the relays.

### Principal functions:

- 6 alarm inputs
- 2 of these with pick-up delay
- 2 relays each with a potential-free changeover contact
- Of these 1 relay with acknowledge and flash functions
- Compact design
- Simple to install with plug-in terminals

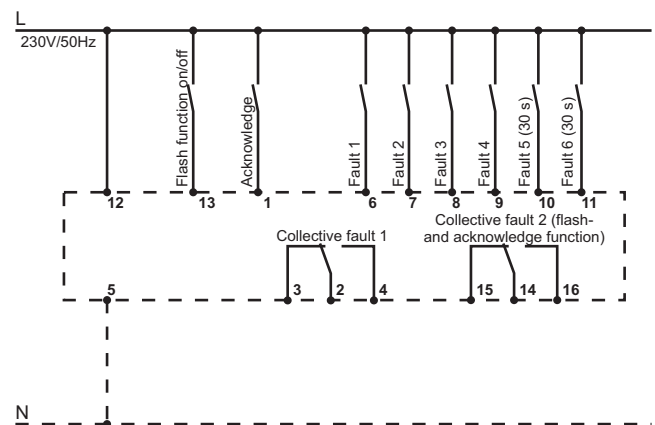
## Application

The alarm relay SMR 100 is utilised for central acquisition of individual signals within wired control systems.

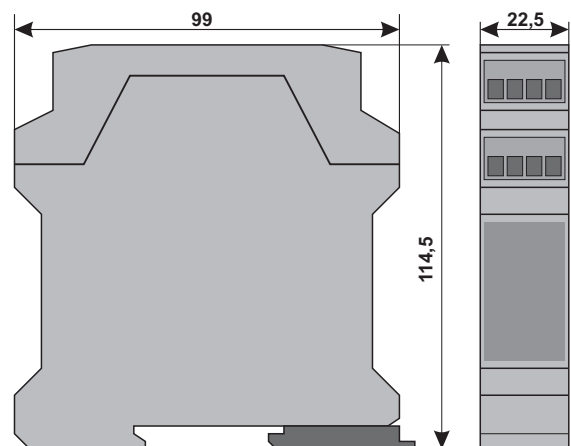
## Technical data

Operating voltage:	230 V / 50 Hz 24 VDC and 24 VAC (Option)
Power consumption:	3 VA
Switching capacity:	250 V / 50 Hz, 2 A, max. 200 VA
Blink frequency:	0.5 Hz
Housing:	Polyamid PA 6.6
Degree of protection:	IP 20
EMC	
Emission:	EN 50 081-2
Immunity:	EN 50 082-2

## Electrical connection



## Dimensions



Status 03/2012 - Subject to technical modifications without notice



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