


# RM 12-24

**E-NR: 6309394**

Indicator-/relay module

RM 12-24 is an alarm/annunciator module for 10-30 VDC. It can be used to indicate, for example, door status, door locks, window status or personal attack alarms or monitoring of 12 loops.

It can also be used as a relay module that converts Open Collector (OC) outputs to relay outputs with an alternating function.

RM 12-24 consists of 12 independent, parallel channels with input pulled-up by internal resistor and output relay following the state of the input. Pulled-up inputs can be directly driven by detector loops w/o need of additional resistors and access to polarizing voltage. The output relay always follows the state of channel input – the relay is energized when the input loop of a channel is violated. The state of every channel is displayed in the front panel – a LED is lit when the input loop is violated. RM 12-24 is programmed to work with input loops configured as EOL/NC-NO with EOL resistor 2.2 kohm.

The unit also has a summary alarm function for all 12 inputs. The summary alarm is indicated via a separate LED and on a separate relay output (alternating NO/NC).

The unit has two jumper blocks with the option of choosing whether the LED and summary alarm are latched until reset or self-reset mode. There is also the option of choosing if the buzzer is active when the summary alarm relay is activated or whether the buzzer should remain disconnected.

## TECHNICAL DETAILS

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| **Supply voltage** | 7-30V DC |
| **Dimensions (L x W x H) mm** | 180 x 110 x 43 |
| **Inputs** | 12 balanced inputs (2,22K) |

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| **Current consumption at 12 V/24 V** | Max 232mA/121 mA |
| **Internal pull-up resistor and pull-up voltage** | 2,2 kohm, 5 V |
| **Configuration of input loop** | EOL/NC |
| **Product type** | Connection accessories |
| **Environment** | Indoor |
| **Accessory type** | Module series (Empty) |
| **Product feature** | Surface-mounted |

## ORDER INFORMATION

| Model | E-NR | Description |
|---|---|---|
| RM 12-24 | 6309394 | |