



## RMH 0002 A Relay Module



- ▶ **Contact rating of 5 A**
- ▶ **Ready to go thanks to plug-and-play technology and pluggable terminal blocks**

The module has two change-over contact relays (type C) for monitored connection of external elements with feedback, e. g.

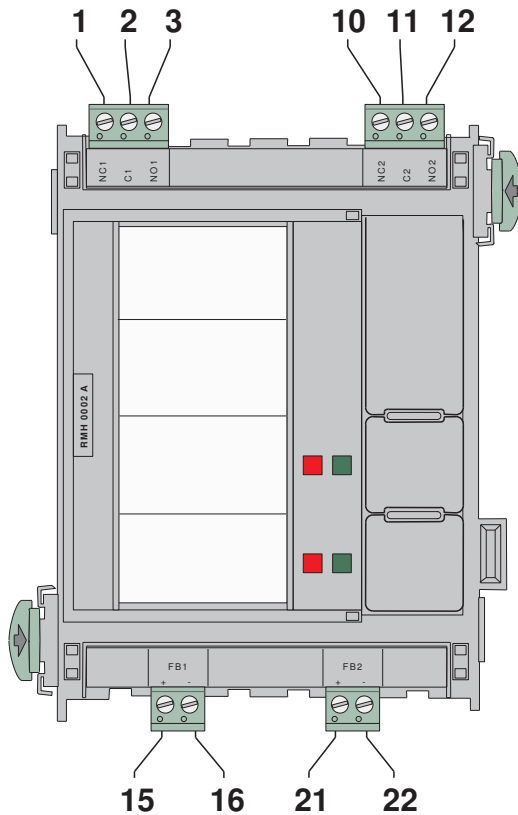
- Door retaining magnets
- Fan
- Smoke dampers.

Each relay has an NO (normally open) and an NC (normally closed) contact and is protected by a 6.3 A fuse.

The maximum relay contact load is 5 A at 120 V/230 V AC and 5 A at 30 V DC.

The Relay Module can also be used as an extinguishing system interface in accordance with VdS 2496.

## System Overview



Pos.	Description	Connector
1-3	NC1/C1/NO1	Relay 1
10-12	NC2/C2/NO2	Relay 2
15 / 16	FB1 + / -	Feedback relay 1
21 / 22	FB2 + / -	Feedback relay 2

## Parts Included

Qty.	Components
1	RMH 0002 A Relay Module High Voltage
2	Labeling strips

## Technical Specifications

## Electrical

Input voltage	20 V DC to 30 V DC 5 V DC $\pm$ 5%
Max. current consumption	<ul style="list-style-type: none"> <li>Standby: 10 mA (at 24 V DC)</li> <li>Both relays triggered: 50 mA (at 24 V DC)</li> </ul>
Max. contact load	5 A at 120/230 V AC 5 A at 30 V DC
Feedback current	Max. 4.5 mA per relay
Feedback voltage	Max. 30 V DC
Maximum line restance of the feedback lines	2 x 25 $\Omega$
Fuses	F1 = T 6.3 A, F2 = T 6.3 A

## Mechanics

Operating/display elements	4 LEDs (2 x red, 2 x green) 2 keys
Housing material	PPO Noryl
Housing color	Satin finish, anthracite, RAL 7016
Dimensions	Approx. 127 x 96 x 60 mm (5.0 x 3.8 x 2.4 in.)
Weight	Approx. 135 g (4.8 ounces)

## Environmental conditions

Permitted operating temperature	-5 °C to 50 °C (23 °F to 122 °F)
Permitted storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Permitted relative humidity	95%, non-condensing
Protection class as per IEC 60529	IP 30

## Ordering Information

## RMH 0002 A Relay Module

provides 2 change-over contact relays (type C) for high voltage, for monitored connection of external elements with feedback

## RMH 0002 A

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