



## RMH 0002 A Relay Module



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

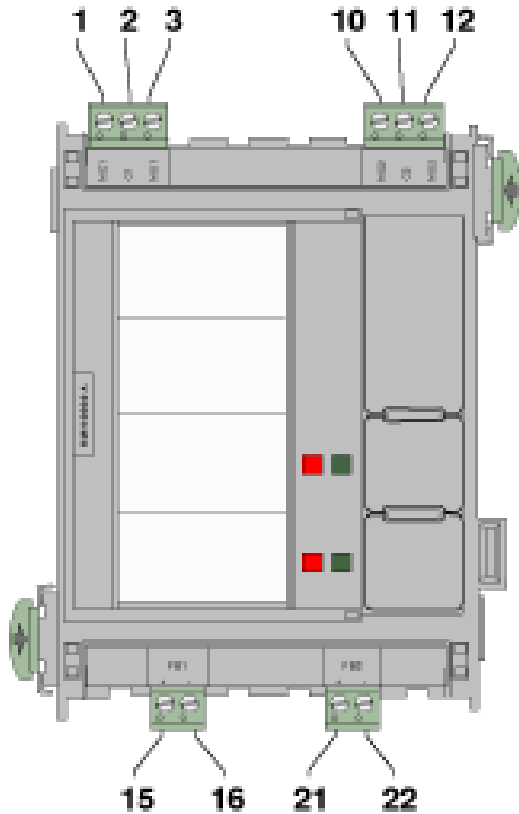
- Door retaining magnets
- Fan
- Smoke dampers.

Each relay has an NO (normally open) and an NC (normally closed) contact and is protected by a 10 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
4-6	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 ... 30 V DC (min...max)  
5 V DC ± 5%

Max. current consumption

- Standby 10 mA (at 24 V DC)
- Both relays triggered 50 mA (at 24 V DC)

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

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 ... 50 °C (23 °F ... 122 °F)

Permitted storage temperature -20 °C ... 60 °C (-4 °F ... 140 °F)

Permitted relative humidity 95%, non-condensing

Protection class as per IEC 60529 IP 30

**Ordering Information**

**RMH 0002 A Relay Module**  
High Voltage

**RMH 0002 A**

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5600 JB Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**Americas:**  
Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
security.sales@us.bosch.com  
www.boschsecurity.us

**Asia-Pacific:**  
Bosch Security Systems Pte Ltd  
38C Jalan Pemimpin  
Singapore 577180  
Phone: +65 6319 3450  
Fax: +65 6319 3499  
apr.securitysystems@bosch.com  
www.boschsecurity.com

**Represented by**