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**

**Connector**

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Description</th>
<th>Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3</td>
<td>NC1/C1/NO1</td>
<td>Relay 1</td>
</tr>
<tr>
<td>10-12</td>
<td>NC2/C2/NO2</td>
<td>Relay 2</td>
</tr>
<tr>
<td>15</td>
<td>FB1 + / -</td>
<td>Feedback relay 1</td>
</tr>
<tr>
<td>16</td>
<td>FB2 + / -</td>
<td>Feedback relay 2</td>
</tr>
</tbody>
</table>

**Parts Included**

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RMH 0002 A Relay Module High Voltage</td>
</tr>
<tr>
<td>2</td>
<td>Labeling strips</td>
</tr>
</tbody>
</table>

**Technical Specifications**

**Electrical**

- **Input voltage**: 20 V DC to 30 V DC
- **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
- **Maximum line resistance of the feedback lines**: 2 x 25 Ω
- **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.