

## HRM05-12A04

### High Voltage Reed Relay Module

#### PRODUCT VISUAL



real hrm family product image from project library

#### KEY RATINGS

COIL VOLTAGE

**5 VDC**

CONTACT FORM

**12 Form A**

CHANNELS

**12**

SWITCH VOLTAGE

**1 kV**

BREAKDOWN

**4 kVDC**

CONTACT RATING

**100 W**

#### OVERVIEW

- Multi-channel high-voltage reed relay module
- DIN rail / cabinet integration friendly
- Custom configuration support
- Key ratings: 5 VDC 12 Form A 12 1 kV 4 kVDC 100 W
- Source-PDF outline and wiring retained

#### COIL DATA

Nominal	<b>5 VDC</b>
Pickup	<b>4 VDC max</b>
Dropout	<b>0.5 VDC min</b>
Max voltage	<b>7 VDC</b>
Resistance	<b>70 Ω</b>

#### CONTACT RATINGS

Contact Form	<b>12 Form A</b>
Channels	<b>12</b>
Contact Rating	<b>100 W</b>
Max Switching Voltage	<b>1 kV</b>
Max Switching Current	<b>1.0 A</b>
Max Carry Current	<b>2.5 A</b>
Contact Resistance	<b>150 mΩ</b>
Breakdown Voltage	<b>4 kVDC</b>

#### ELECTRICAL CHARACTERISTICS

Contact-to-Coil Dielectric	<b>4 kVDC</b>
Insulation Resistance	<b>1×10<sup>11</sup> Ω</b>
Operate Time	<b>1.0 ms</b>
Release Time	<b>0.1 ms</b>

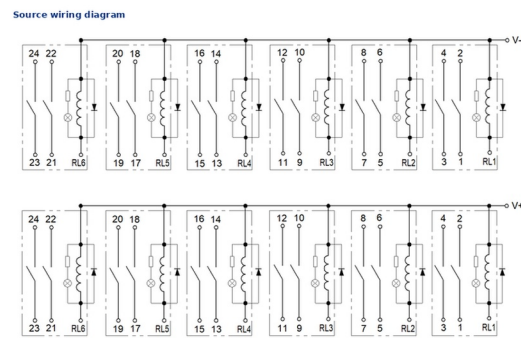
#### ENVIRONMENTAL / OPTIONS

Operating Temperature	<b>-20°C to +70°C</b>
Storage Temperature	<b>-35°C to +105°C</b>

#### MECHANICAL OUTLINE / DIMENSIONS



#### CIRCUIT / MARKING / TERMINAL VIEW



#### ORDERING & SOURCE TRACEABILITY

##### HRM05-12A04 — High Voltage Reed Relay Module

Source: HRM(12A04) series high voltage Reed Relay Module Sample V2.0.pdf

Technical values are preserved from source PDFs / generated metadata. Original outline and circuit figures are reused where available; do not treat artwork proportions as standalone dimensional authority.