

## HRM24-1A10

### High Voltage Reed Relay Module

#### PRODUCT VISUAL



real hrm family product image from project library

#### KEY RATINGS

COIL VOLTAGE  
**24 VDC**

CONTACT FORM  
**1 Form A**

CHANNELS  
**1**

SWITCH VOLTAGE  
**7 kV**

BREAKDOWN  
**10 kVDC**

CONTACT RATING  
**10 W**

#### OVERVIEW

- Multi-channel high-voltage reed relay module
- DIN rail / cabinet integration friendly
- Custom configuration support
- Key ratings: 24 VDC 1 Form A 1 7 kV 10 kVDC 10 W
- Source-PDF outline and wiring retained

#### COIL DATA

|             |            |
|-------------|------------|
| Nominal     | 24 VDC     |
| Pickup      | 18 VDC max |
| Dropout     | 2 VDC min  |
| Max voltage | 29 VDC     |
| Resistance  | 600 Ω      |

#### CONTACT RATINGS

|                       |          |
|-----------------------|----------|
| Contact Form          | 1 Form A |
| Channels              | 1        |
| Contact Rating        | 10 W     |
| Max Switching Voltage | 7 kV     |
| Max Switching Current | 3.5 A    |
| Max Carry Current     | 5.0 A    |
| Contact Resistance    | 150 mΩ   |
| Breakdown Voltage     | 10 kVDC  |

#### ELECTRICAL CHARACTERISTICS

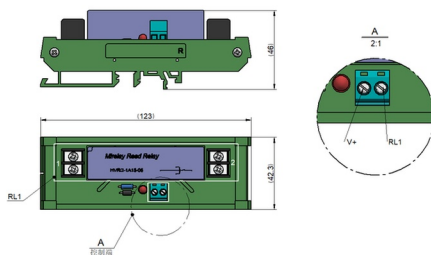
|                            |                      |
|----------------------------|----------------------|
| Contact-to-Coil Dielectric | 15 kVDC              |
| Insulation Resistance      | 1×10 <sup>12</sup> Ω |
| Operate Time               | 3.0 ms               |
| Release Time               | 1.5 ms               |

#### ENVIRONMENTAL / OPTIONS

|                       |                 |
|-----------------------|-----------------|
| Operating Temperature | -20°C to +70°C  |
| Storage Temperature   | -35°C to +105°C |

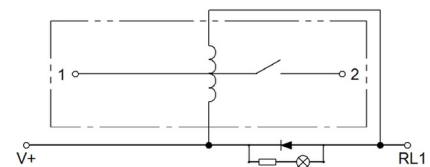
#### MECHANICAL OUTLINE / DIMENSIONS

Source outline / terminal view



#### CIRCUIT / MARKING / TERMINAL VIEW

Source wiring diagram



#### ORDERING & SOURCE TRACEABILITY

##### HRM24-1A10 — High Voltage Reed Relay Module

Source: HRM(1A) 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.