

HRM24-2A10 Product Datasheet

Rebuilt engineering datasheet using server-side original source files where available. The old source contact information is not reused; current website/contact information is shown in header and footer.

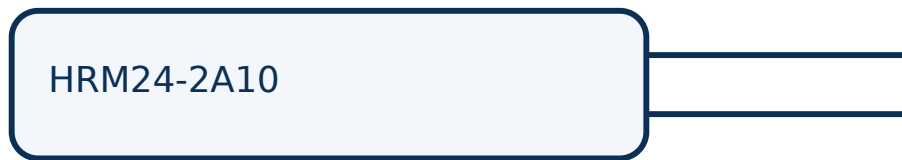
Source validation

Source: HVR12-2A10-01-YP.pdf

Original PDF/Image embedded as dimension reference

Original source used as screenshot/data reference; contact header/footer replaced with current Reed Relay website information.

Mechanical dimensions / source drawing screenshot



Generated envelope placeholder - confirm final drawing

Screenshot is cropped from the original server-side file to show dimensional/specification drawing while avoiding obsolete contact headers. Confirm the final signed drawing before PCB, busbar, mounting-hole or tooling release.

Clear selection method

Step	How to select
1. Module family	HRM is a high-voltage reed relay module/DIN/board module family.
2. Input voltage	05/12/24 indicates input/coil voltage when present.
3. Contact/channel count	2A/6A/12A etc. indicate contact/channel arrangement.
4. Voltage/package	10/15/20 and suffix define voltage class and terminal/module style; confirm exact module drawing.

RFQ checklist

- Exact target model or competitor part number
- Switching/carry current, voltage, load type and duty cycle
- Coil/control voltage and suppression requirements
- Mounting space, PCB/busbar/cable constraints and operating temperature
- Sample quantity, annual forecast and any drawing/customer specification

Extracted useful source specifications

Original source text excerpts

- High Voltage Reed Relay

• Low Contact Resistance

• Breakdown up to 10 kVDC

Outline Dimension | Unit: mm | DIM Tolerance: ± 0.3

Coil Parameters (at 20°C)

Nominal Coil Voltage | Nominal Current | Coil Resistance | Max Pull-in Voltage | Min Drop-out Voltage

Contact Parameters

Contact Form | 2 Form A | Max Contact Rating | 50 W

Max Switch Voltage | 7.5 kVDC | Max Switch Current | 3.0 A

Max Carrying Current | 5.0 A | Min Breakdown Voltage | 10 kVDC

Max Contact Resistance | 150 m Ω | 5 $\times 10^7$ ops

Open contacts | 10 kVDC | Open contacts | 1 $\times 10^{12}$ Ω

Dielectric Strength | Insulation Resistance

Contact to coil | 15 kVDC | Contact to coil | 1 $\times 10^{12}$ Ω

(Static,min) | (min./typ.) Rh<45%, 100V Test Voltage

Contact to shield | 15 kVDC | Contact to shield | 1 $\times 10^{12}$ Ω

Operate Time,incl.Bounce | 3.5 ms

Operating Temperature | -20°C \square 70°C Storage Temperature | -35°C \square 105°C

Soldering Temperature (5 sec. dwell) | 220°C | Washability | fully sealed

Product model Nominal Coil Voltage | Contact form | Breakdown Voltage | Pin Out | Special code

Checke | Hu Shu | High Voltage Reed Relay

Text excerpts are taken from the original source file after removing obsolete contact lines. If a value is unclear in OCR/text extraction, rely on the embedded source drawing and request confirmation.

Production notice: This rebuilt datasheet is for RFQ and preliminary selection. For high-voltage, mercury-wetted, EV/ESS/PV, medical, safety-critical or customer-specific applications, final signed MiRelay drawings and validation are required.