HVR24-1A10-04-150

High Voltage Reed Relay

PRODUCT VISUAL

SOURCE IMAGE NOT AVAILABLE

source image

KEY RATINGS

NOMINAL COIL VOLTAGE	**24 VDC**
NOMINAL CURRENT	**40 mA**
MAX PULL-IN VOLTAGE	**18 VDC**
MIN DROP-OUT VOLTAGE	**2 VDC**
CONTACT FORM	**1 Form A**
MAX CONTACT RATING	**50 W**

OVERVIEW

- High voltage reed relay with 150 mm HV lead wires
- Hermetically sealed contacts
- Same electrical performance as HVR24-1A10-04
- Custom design available

COIL DATA

Nominal Coil Voltage	**24 VDC**
Nominal Current	**40 mA**
Coil Resistance	**600±10% Ω**
Max Pull-in Voltage	**18 VDC**
Min Drop-out Voltage	**2 VDC**

CONTACT RATINGS

Contact Form	**1 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 mΩ**
Life Expectancy	**5×10^7 ops @500V 100mA**

ELECTRICAL CHARACTERISTICS

Dielectric Open / Contact-Coil	**10 / 15 kVDC**
Insulation Open / Contact-Coil	**1×10^12 Ω each**
Operate Time incl. Bounce	**3.0 ms**
Reset Time	**1.5 ms**
Capacitance	**1.0 pF across open switch**

ENVIRONMENTAL / OPTIONS

Vibration	**20 G, 10–2KHz 1.5mm**
Shock	**50 G, 11ms half-sine**
Operating Temperature	**-20°C to +70°C**
Storage Temperature	**-35°C to +105°C**
Soldering Temperature	**260°C, 5 sec dwell**
Washability	**Fully sealed**

MECHANICAL OUTLINE / DIMENSIONS

Outline image recorded in source PDF

CIRCUIT / MARKING / TERMINAL VIEW

Connection figure not available

ORDERING & SOURCE TRACEABILITY

HVR24-1A10-04-150 — HVR24-1A10-04 electricals with 150 mm HV leads

Source: HVR24-1A10-04.pdf

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