

HVR24-1A10-06-150

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
- Same electrical performance as HVR24-1A10-06
- Hermetically sealed contacts
- 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

HVR24-1A10-06-150 — HVR24-1A10-06 electricals with 150 mm HV leads

Source: HVR24-1A10-06.pdf

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