

400-959 High Voltage Reed Relay

PRODUCT VISUAL



real source image

KEY RATINGS

NOMINAL COIL VOLTAGE

24 VDC

NOMINAL CURRENT

80 mA

MAX PULL-IN VOLTAGE

19 VDC

MIN DROP-OUT VOLTAGE

1 VDC

CONTACT FORM

2 Form C

MAX CONTACT RATING

50 W

OVERVIEW

- High Voltage Reed Relay
- Breakdown up to 10 kVDC
- Custom Design Available
- Low Contact Resistance
- Excellent Lifetime Characteristics

COIL DATA

Nominal Coil Voltage	24 VDC
Nominal Current	80 mA
Coil Resistance	300 +/-10% ohm
Max Pull-in Voltage	19 VDC
Min Drop-out Voltage	1 VDC

CONTACT RATINGS

Contact Form	2 Form C
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	200 mOhm
Life Expectancy	5 x 10⁷ ops

ELECTRICAL CHARACTERISTICS

Dielectric Strength — Open Contacts	10 kVDC
Dielectric Strength — Contact to Coil	10 kVDC
Operate Time incl. Bounce	3.0 ms
Reset Time	2.0 ms
Insulation Resistance — Open Contacts	1 x 10¹² ohm
Insulation Resistance — Contact to Coil	1 x 10¹² ohm
Capacitance — Across Open Switch	1.6 pF

ENVIRONMENTAL / OPTIONS

Vibration	20 G
Shock	50 G
Operating Temperature	-20 °C to +70 °C
Storage Temperature	-35 °C to +105 °C
Soldering Temperature	260 °C for 5 sec.
Washability	fully sealed

MECHANICAL OUTLINE / DIMENSIONS

Outline image recorded in source PDF

CIRCUIT / MARKING / TERMINAL VIEW

Connection figure not available

ORDERING & SOURCE TRACEABILITY

400-959 — High Voltage Reed Relay

Source: 400-959.pdf

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