

HGSR24-1C

Mercury Wetted Reed Relay

PRODUCT VISUAL

SOURCE IMAGE NOT AVAILABLE

source image

KEY RATINGS

NOMINAL COIL VOLTAGE

24 VDC

MAX OPERATING VOLTAGE

29 VDC

MAX PULL-IN VOLTAGE

18 VDC

MIN DROP-OUT VOLTAGE

2.0 VDC

MIN BREAKDOWN VOLTAGE

2K VDC min

CONTACT FORM

1 Form C

OVERVIEW

- High Power Mercury Reed Relay
- Low Contact Resistance
- High Carry Current
- Excellent Lifetime Characteristics

COIL DATA

Nominal coil voltage	24 VDC
Max Operating voltage	29 VDC
Max Pull-in voltage	18 VDC
Min Drop-out voltage	2.0 VDC
Coil Resistance	2650 ohm

CONTACT RATINGS

Min Breakdown Voltage	2K VDC min
Contact Form	1 Form C
Max Contact Rating	100 W
Max Switch Voltage	500V ACpeak/DC
Max Switch Current	2.0 A
Max Carrying Current	5.0 A
Max Contact Resistance	30 mohm (static max)

ELECTRICAL CHARACTERISTICS

Breakdown Voltage	2K VDC min
Dielectric Strength Contact/Coil	2K VDC min
Insulation Resistance Contact/Contact	10 ⁹ Ω min (RH<45%, 100V)
Insulation Resistance Contact/Coil	10 ⁹ Ω min (RH<45%, 100V)
Operate Time (no bounce)	1.25ms max
Reset Time	1.25ms max
Capacitance between open contacts	4.0pF max

ENVIRONMENTAL / OPTIONS

Storage Temperature	-20~+105°C
Operating Temperature	-20~+85°C

MECHANICAL OUTLINE / DIMENSIONS

Outline image recorded in source PDF

CIRCUIT / MARKING / TERMINAL VIEW

Connection figure not available

ORDERING & SOURCE TRACEABILITY

HGSR24-1C — Mercury Wetted Reed Relay

Source: HGSR12-1C.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.