

Hermetically Sealed Glass Reed Switches (RS Series)

Form A (SPST-NO), Form C (SPDT), Bistable (Form E) & High-Voltage Vacuum Reed Switches

Product Overview

Misensor RS Series reed switches feature rhodium, ruthenium, or tungsten contacts hermetically sealed inside an inert gas or vacuum glass envelope. Offering zero standby power consumption, fast switching speed, and over 10⁸ operations under low-level loads.

Key Features

- Glass lengths from ultra-miniature 7mm up to 53mm
- Form A (Normally Open), Form C (Changeover), Form ...
- Power ratings from 5W / 10W up to 70W / 120W
- High-voltage vacuum models (RS-V10K / RS-V15K) up ...
- Available with cropped, bent, or SMD gull-wing leads
- RoHS & REACH compliant, zero standby power

Typical Applications

- Proximity, position, door & window security sensors
- Liquid level float switches & fuel level senders
- Water, gas & heat meter pulse counting
- Reed relays, automotive sensors & home appliances

Technical Specifications & Model Selection

Model	Glass Dia x Length (mm)	Contact Form	Max Power (W)	Max Switching Voltage	Min Breakdown Voltage	Max Carry Current (A)
RS071 / RS072	Dia.1.8 x 7.0	Form A (NO)	10W	100V DC	200V DC	0.5A / 1.0A
RS101 / RS102	Dia.1.8 x 10.0	Form A (NO)	10W	200V DC	250V DC	0.5A / 1.0A
RS141 / RS142	Dia.2.2 x 14.0	Form A (NO)	10W / 20W	200V DC	250V DC	1.0A / 1.25A
RS151 / RS152	Dia.2.2 x 15.0	Form A (NO)	10W / 50W	220V AC / 200V DC	400V DC	1.5A
RS14C1 / RS14C2	Dia.2.54 x 14.0	Form C (SPDT)	5W	175V DC	200V DC	1.5A
RS191	Dia.2.6 x 19.0	Form A (NO)	10W	500V DC	1300V DC	1.0A
RS211 / RS212	Dia.2.75 x 21.0	Form A (NO)	70W	300V AC/DC	500V DC	2.5A
RS1525	Dia.5.4 x 52.0	Form A (NO)	80W / 120W	250V DC	800V DC	5.0A
RS1625	Dia.5.4 x 52.0	Form C (SPDT)	60W	230V DC	400V DC	2.0A
RS-V10K / V15K	Dia.5.4 x 53.4	Form A (HV)	50W	7.5kV / 10kV DC	10kV / 15kV DC	5.0A