



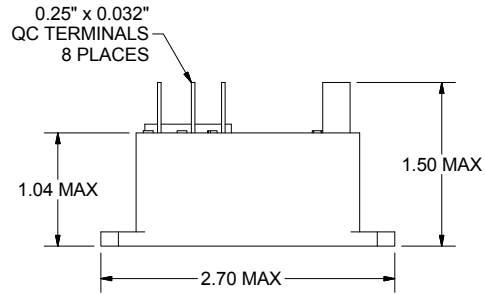
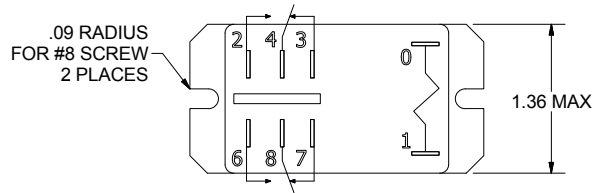
Sensing Solutions since 1959

R1 Series Technical Data Sheet

Relays



R1-12



Applications

- Provides electrical isolation for most sensors or float level switches when switching direct electrical loads.
- Can be used with a single float switch to turn on or off a solenoid valve, pump or tank alarm at a single liquid level.
- Can also be wired with two single level float switches or a dual level High / Low level switch for Pump-Up or Pump-Down applications.
- For 12VDC, 220VAC, and 120VAC input signals

Custom Solutions

At times, OEMs, end users or military specifiers require a customized solution or sample product to test. Madison Company can design, manufacture and ship a custom switch or sensor in just six business days. Simply communicate the quantity and requirements to our technical sales staff. We will quote the product to establish budget and ROI. Following the quote approval, Madison engineers will design the switch or sensor that satisfies the application specifications, and provide proof of concept. Upon approval, we will build and ship the product or sample.

Related Products



R1-120



R1-220

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R1 Series Technical Data Sheet

Relays

Relay Specifications					
Model	Electrical Connectors	Electrical Ratings	Input Voltage	Mounting	Type
R1-12	0.25" x 0.032" QC terminals, 8 places	Normally Open Contacts: 30A @ 120VAC resistive; 20A @ 28VDC resistive; 1HP @ 120VAC; 3HP @ 240VAC; Normally Closed Contacts: 3A @ 277VAC; 2A@480 VAC; 1A @ 600VAC	Coil Voltage Rating: 12 VDC	Slots for #8 screws, 2 places	Relay
R1-120	0.25" x 0.032" QC terminals, 8 places	Normally Open Contacts: 30A @ 120VAC resistive; 20A @ 28VDC resistive; 1HP @ 120VAC; 3HP @ 240VAC Normally Closed Contacts: 3A @ 277VAC; 2A @ 480VAC; 1A @ 600VAC	Coil Voltage Rating: 120 VAC	Slots for #8 screws, 2 places	Relay
R1-220	0.25" x 0.032" QC terminals, 8 places	Normally Open Contacts: 30A @ 120VAC resistive; 20A @ 28VDC resistive; 1HP @ 120VAC; 3HP @ 240VAC; Normally Closed Contacts: 3A @ 277VAC; 2A@480 VAC; 1A @ 600VAC	Coil Voltage Rating: 220 VAC	Slots for #8 screws, 2 places	Relay

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