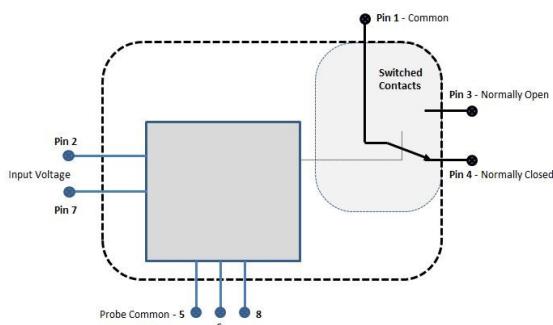




Shown w/ Octal Socket

| Model Number | R2-120 |
|-------------------------|--|
| Input Voltage | 120V AC |
| Switches Contacts | Form C- SPDT (Single Pole, Double Throw) |
| Contact Ratings | 10 Amp @ 120V AC (1/5 HP max.), 10 Amp @ 30V DC |
| Temperature (Operating) | -4° to 140°F / -20° to 60°C |
| Dimensions | 2.39" H x 1.78" W x 3.01" D / 60.7 mm x 45.2 mm x 76.5 mm |
| Mounting Type | 8-Pin Octal Socket, included w/ hold-down clips |

Installation and Maintenance



Dual Level Conductivity Probe Sensor Configuration

- Wire the "Common Probe" to pin 5 (Common probe to be at/or below the Lower Probe)
- Wire the "Lower Probe" to pin 6
- Wire the "Upper Probe" to pin 8
- Connect the pump/valve circuit power through pins 1-3 or 1-4 to control your load
- Connect (Plug in) the input power to pins 2 and 7

Note: For Single Level Conductivity detection/control, use only pin 5 (Ground Probe) and pin 8 (Level Probe).

Float Switch Pump-Up (Fill) Mode Configuration

- Connect the Upper float switch set Normally Closed to pins 5 and 6
- Connect the Lower float level switch set Normally Closed to pins 5 and 8
- Connect the pump/valve circuit power through pins 1-3 to switch your load
- Connect (power) the input voltage across pins 2 and 7

With both the Upper and Lower float switches set Normally Closed in an Empty tank, the R2 relay contacts 1 and 3 will "Close" when fluid level falls below the lower float switch, and "Open" after the liquid level reaches the upper float level.

Float Switch Pump-Down (Drain) Mode Configuration

- Connect the Upper float switch set Normally Opened to pins 5 and 8
- Connect the Lower float level switch set Normally Opened to pins 5 and 6
- Connect the pump/valve circuit power through pins 1-3 to switch your load
- Connect (power) the input voltage across pins 2 and 7

With both the Upper and Lower float switches set Normally Opened in an Empty tank, the R2 relay contacts 1 and 3 will "Close" when fluid level reaches the upper float switch, and will "Open" after the liquid level drops below the lower float level.



Optional Hold-Down Clips

Model # 099-P00193

Can be used to securely mount in place. Install under octal socket and press up until each bracket snaps on top.
Sold in pairs.



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