



The RCU-7000 is a control relay for switching higher currents and voltages than for which a reed switch level device might be rated. The RCU-7000 is designed so that multiple units may be used in combination to provide a variety of control functions, including multiple alarms and alternating pumps.

■ **Specifications**

PERFORMANCE

- Output SPDT Rating:** 240 VAC, 5A max., 30 VDC, 5 A resistive
- Source to Sensor:** 8 VAC, 5 mA max.
- Operating Resistance:** 4 K or less
- Release Resistance:** 15 K or less
- Indication:** Green LED for power status; Red LED for relay status

ELECTRICAL

- Supply Voltage:** 90 to 132 VAC; 180 to 264 VAC, 50/60 Hz
- Power Consumption:** 1.5 VA

PHYSICAL

- Dimensions:** 2 x 3.125 x 4 in. (50 x 84 x 109 mm)
- Materials:** ABS
- Weight:** 0.61 lbs. (280 g)

ENVIRONMENTAL

- Operational Temperature:** 14 to 122°F (-10 to 50°C)

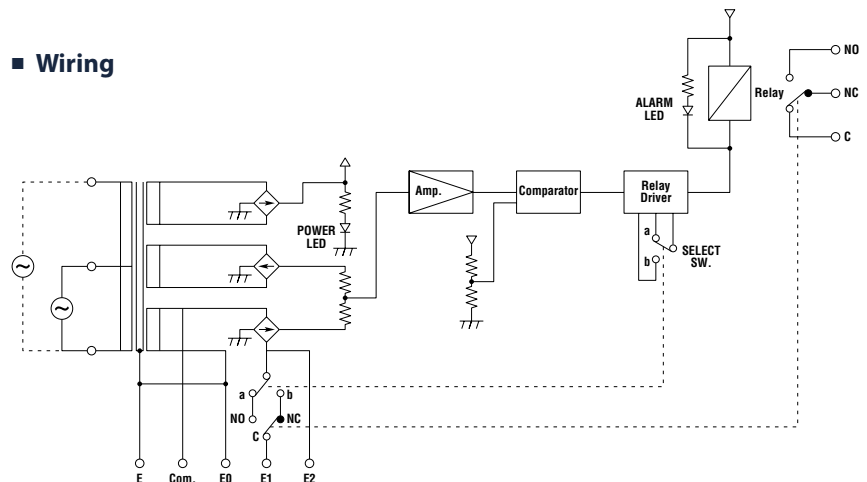
Specifications are subject to change without notice.

RCU-7000

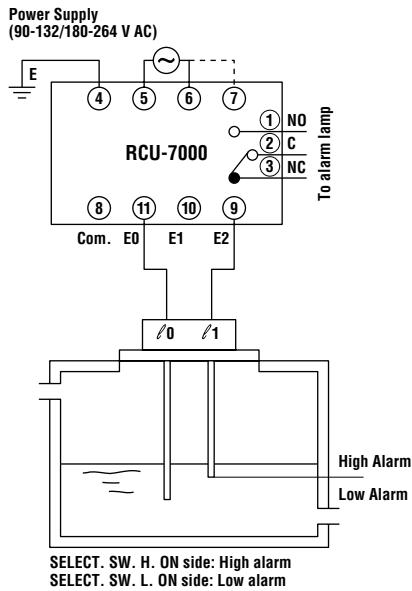
Power Relay Unit for Pump Control

- Low cost relay for switching of larger loads and alternating pumps
- Programmable alarm status
- DIN rail socket is available
- Use with all single point level sensors when switching loads or control functions are required
- Standard relay outputs
- 120 VAC or 240 VAC model available

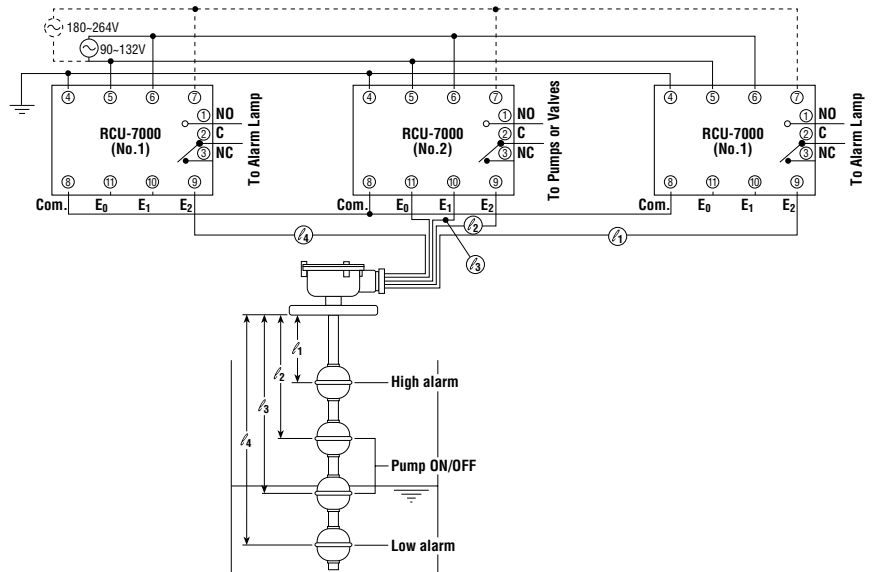
■ **Wiring**



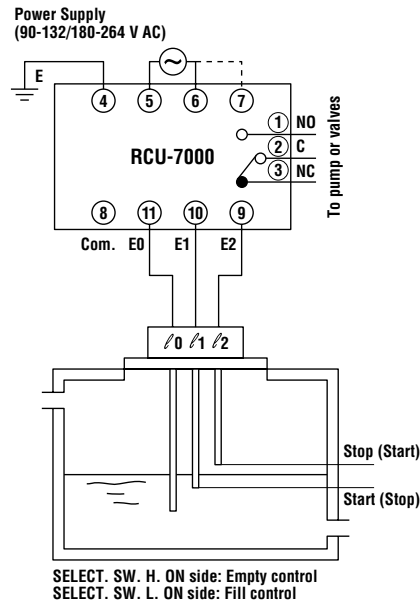
■ **Single Level Alarm Wiring (ELS)**



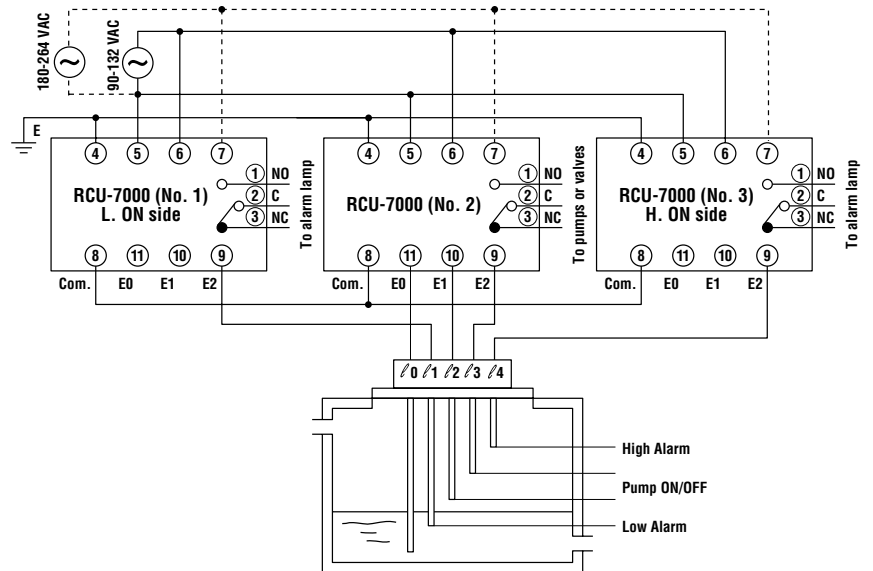
■ **Control Wiring for High and Low Level Alarm (FLR)**



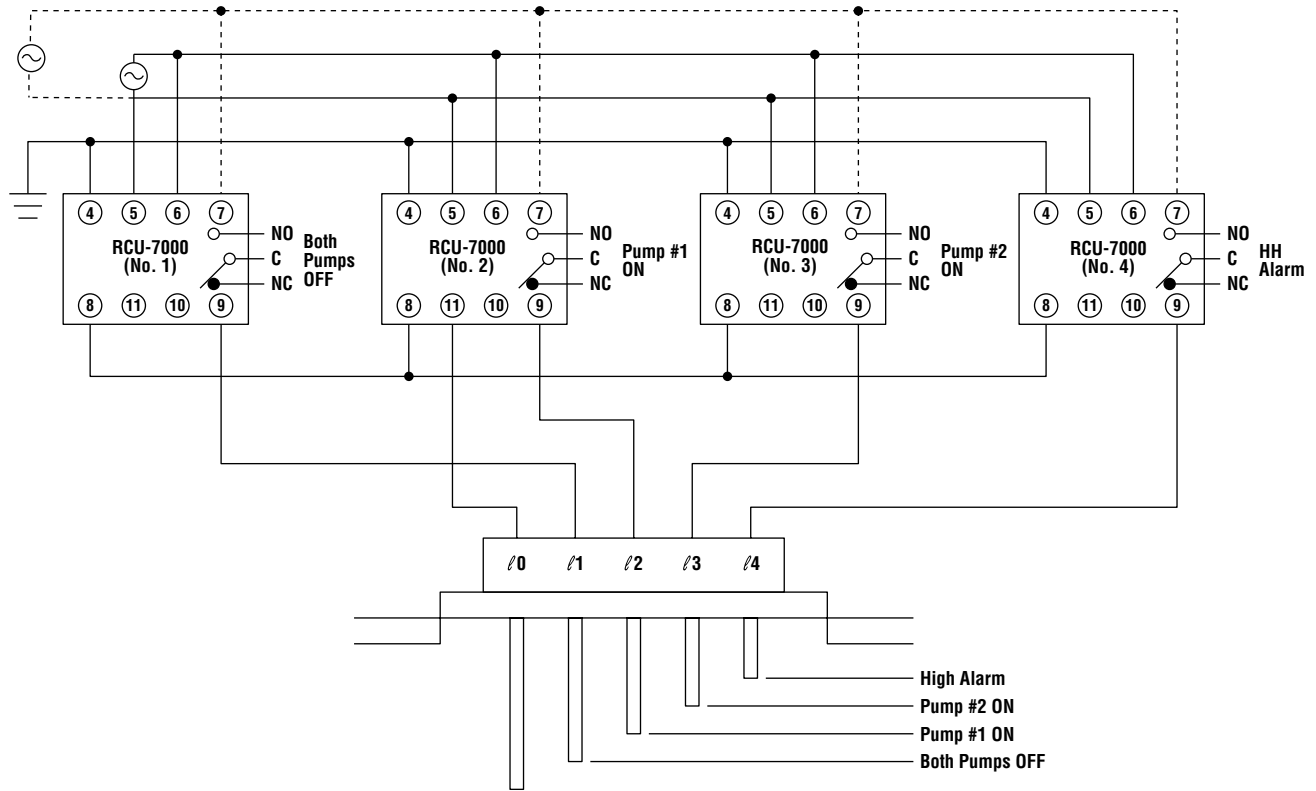
■ **Dual Level Empty/Fill Control Wiring (ELS)**



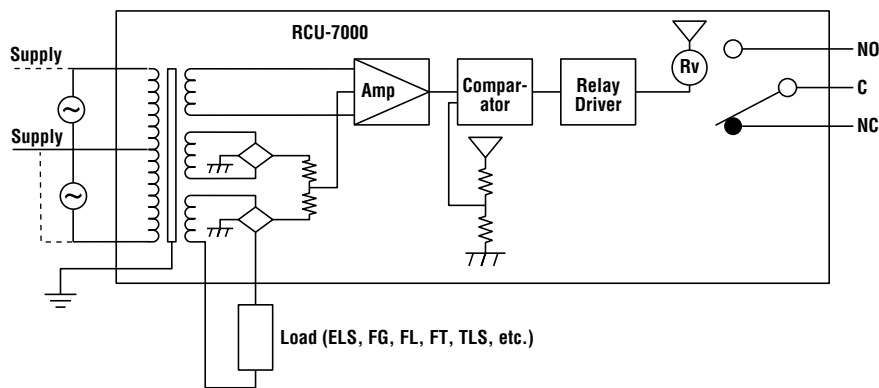
■ **Control Wiring for High and Low Level Alarm (ELS)**



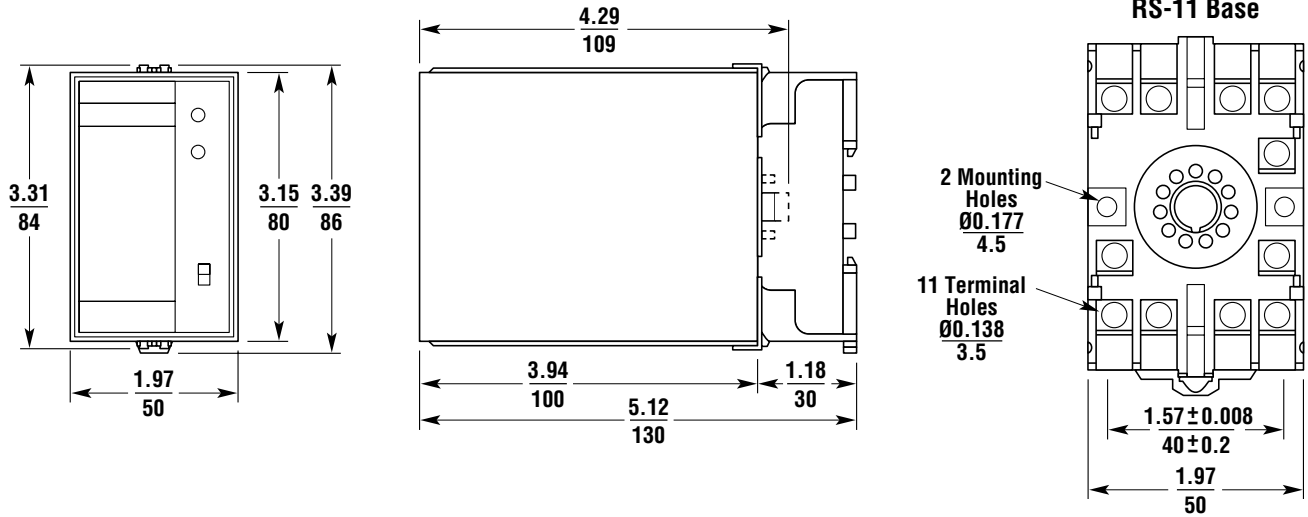
■ Control Wiring for Dual Pumps Emptying with HH Alarm (ELS)



■ RCU-7000 Schematic (typical)



■ Dimensions — in./mm



■ Ordering Information

RCU-

Configuration

7000 With 8 VAC power supply (< 3 k)

7100 With 8 VAC power supply (< 50 k)

Note: Use 7100 Series relay for any medium with resistance between electrodes exceeding 3 k as measured with an ohmmeter. If resistance exceeds 50 k , select a different control technique.