## CONNECTIONS

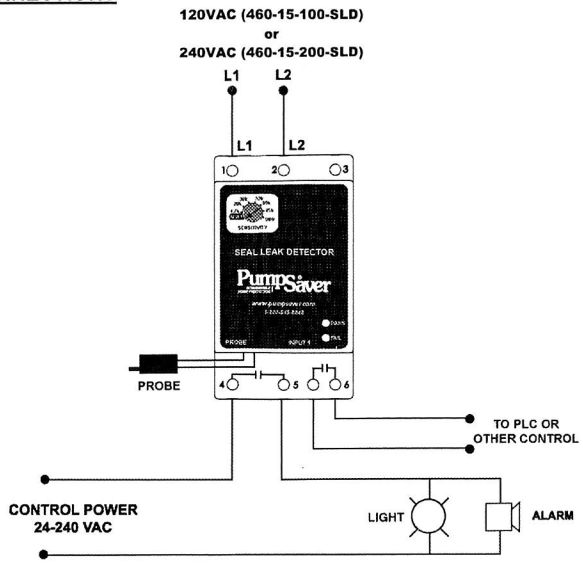
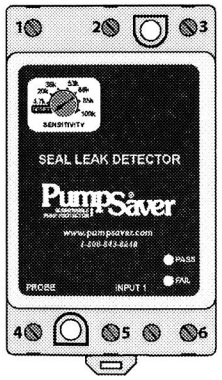



**Figure 1. Typical Wiring Diagram**

## OPERATION




As water leaks into the motor, the resistance measured by the probe decreases. When the resistance drops below the sensitivity control level, the unit will trip and the relay contacts will change state.

## SETTINGS

1. Sensitivity Adjustment:
   Rotate this dial to the desired minimum resistance allowed before the unit trips.
   **For this model, the reset position is not used; the unit will reset automatically when a fault is cleared. If the dial is left in the reset position, sensitivity is fixed at 4.7k.**
2. Input 1:
   Leave jumper installed for positive logic (relay closed on a fault).
   Remove jumper for negative logic (relay open on a fault).



| PUMPSAVER 460-15-XXX-SLD SPECIFICATIONS | |
|---|---|
| **Control Voltage** | 110/120VAC nominal (Model 460-15-100-SLD)<br>220/240VAC nominal (Model 460-15-200-SLD) |
| **Frequency** | 50 or 60Hz |
| **Sensitivity** | 4.7k-100k |
| **Output contact Rating – DPST** | |
| Pilot Duty | 360VA @ 240VAC |
| General Purpose | 8A @ 240VAC |
| **Power Consumption** | 2 Watts (max.) |
| **Weight** | 1 lb. max |
| **Enclosure** | Polycarbonate |
| **Terminal** | |
| Torque | 6 in.-lbs. |
| Wire AWG | 12-20 AWG |
| **Safety Marks** | |
| UL | UL508 (File # E68520) |
| **Standards Passed** | |
| Electrostatic Discharge (ESD) | IEC 100-4-2, Level 3, 6kV contact, 8kV air |
| Radio Frequency Immunity, Radiated | 159 MHz, 10 V/m |
| Fast Transient Burst | IEC 1000-4-4, Level 3, 3.5kV input power and controls |
| **Surge** | |
| IEC | IEC 1000-4-5, Level 3, 4kV line-to-line; Level 4, 4kV line-to-ground |
| ANSI/IEEE | C62.41 Surge and Ring Wave Compliance to a level of 6kV line-to-line |
| Hi-Potential Test | Meets UL508 (2 x rated V + 1000 V for 1 minute) |
| **Environmental** | |
| Temperature Range | Ambient Operating: -20° to 70°C (-4° to 158°F)<br>Ambient Storage: -40° to 80°C (-40° to 176°F) |
| Class of Protection | IP20, NEMA 1 (finger safe) |
| Relative Humidity | 10-95%, non-condensing per IEC 68-2-3 |