



# Dual Seal or Temp Stat Failure Relay

# LLO/C

## Specifications

### Electrical

**Input Supply Voltage:**  
12, 24, 120 or 240 VAC, 10%

**Frequency:** 50/60Hz

**Power Consumption:** 2VA

**Sensitivity Range:** 5K to 100KΩ

**Pick-Up/Drop-Out Delay:** .5 Sec. Fixed

**Max. Probe Voltage:** 16 Volts AC

**Output Rating @ 25°C:**  
10 Amps @ 120VAC  
5 Amps @ 250VAC, 30VDC  
300W (D.C.), 1600VA (A.C.) Max.  
switching power (resistive)  
100,000 Full Load Electrical Cycles  
20,000,000 Mechanical Cycles

### Indicators

**2 Status LEDs:** Inputs closed  
**1 Relay LED:** Relay Energized

### Physical

**Mounting:** Plug-In  
**Termination:** 8 Pin Octal  
**Packaging:** Dust Cover  
**Weight:** 9 Oz.

### Ambient Temperatures

**Operating:** 0°C to 40°C  
**Storage:** -40°C to 85°C



## Ordering Information



### Supply Voltage

12A - 11 - 16VAC  
24A - 20 - 29VAC  
**120A** - 100 - 125VAC  
240A - 200 - 240VAC

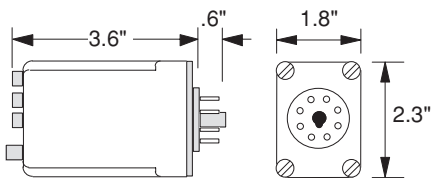
### Operation

**O** - Dual Seal Failure, 6 & 8 are NO inputs  
**C** - Dual Temp Stat, 6 & 8 are NC inputs

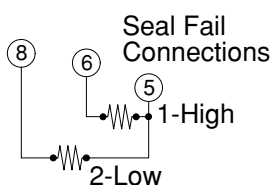
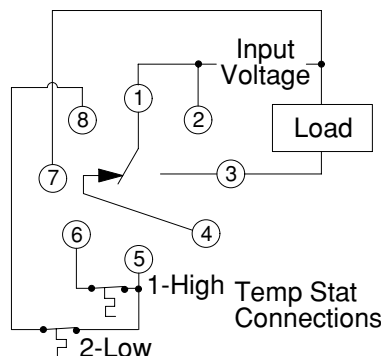
- Conductive or Float Switch Inputs
- Dual Seal Failure
- Dual Temp Stat Failure
- 5K to 100KΩ Sensitivity, Adj.
- Low AC Sense Voltage
- Noise Filter
- Nuisance Delay



## Dimensions



## Connections



## Operation

### Dual Seal or Temp Stat Failure

The LLO/C accepts inputs that are either conductivity (resistance) and/or normally closed temp-stat contacts. Internal logic circuitry determines the alarm condition.

### Seal Failure:

Low resistance sensed on either input

### Temp Stat Failure:

Open contact on either input

Diagnostic LEDs indicate the input generating the fault and output relay state.

