



Liquid Level Control Relay

LLF/D/A/O/C

Specifications

Electrical

Input Supply Voltage:
 12 or 24 VAC, 20%
 120 or 240 VAC, 20%
Frequency: 50/60Hz
Power Consumption: 2VA
Sensitivity Range: 5K to 100K Ω
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 Input Status LEDs:
 Closed Connection On
1 Relay Status LED

Physical

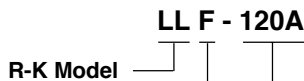
Mounting: Plug -In
Termination: 8 Pin Octal
Packaging: Dust Cover
Weight: 9 Oz.

Ambient Temperatures

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



Ordering Information



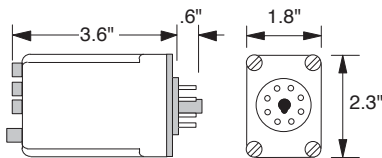
Supply Voltage
 12A - 11 -16VAC
 24A - 20 - 29VAC
120A - 100 -125VAC
 240A - 200 - 240VAC

Operation
 F - Tank Fill applications
 D - Tank Drain applications
 A - High & Low Dual Alarm
 pin 6 is NO, pin 8 is NC input
 O - Dual Alarm, 6 & 8 are NO inputs
 C - Dual Alarm, 6 & 8 are NC inputs

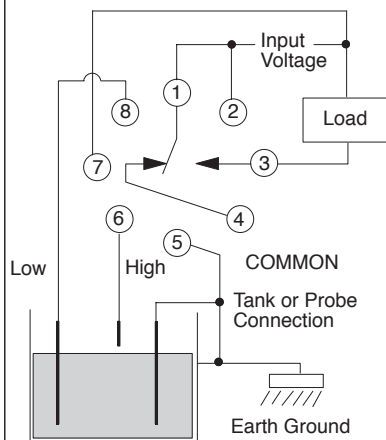
- Conductive Level Sense
- 5K to 100K Ω Sensitivity
- 10 Amp Contacts
- Noise Filter
- Nuisance Delay
- Low AC Sense Voltage
- Input Status Indicators



Dimensions



Connections



Operation

Liquid Level Sensing

The LL F/D/A/O/C senses conductive non-hazardous fluids with low voltage contact probes. Internal logic circuitry controls the relay latching for tank Fill or Drain operations. Three diagnostic LEDs indicate the input and output relay states. The sensitivity is adjustable to control effects of liquid whiskers from the level probes. The Alarm version operates as a Dual High and Low Level Alarm or it may be operated as either a High or Low Alarm. A delay timer reduces wave effects.

