



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 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 Input Status LEDs:

Closed Connection On

1 Relay Status LED

Physical

Mounting: Plug-In

Termination: 8 Pin Octal

Packaging: Dust Cover

Weight: 9 Oz.

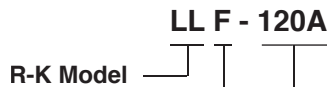
Ambient Temperatures

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

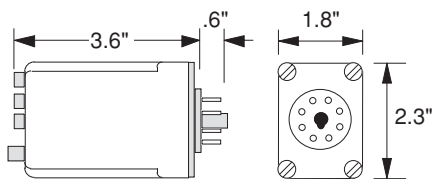
O - Dual Alarm, 6 & 8 are NO inputs

C - Dual Alarm, 6 & 8 are NC inputs

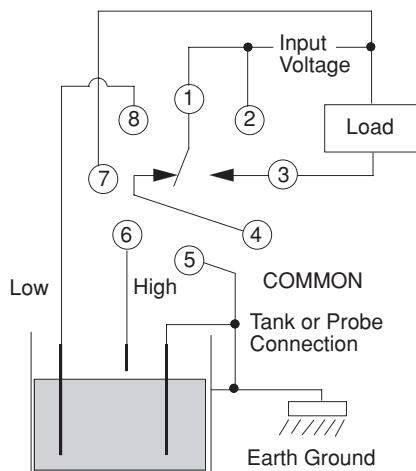
- Conductive Level Sense
- 5K to 100KΩ Sensitivity
- 10 Amp Contacts
- Noise Filter
- Nuisance Delay
- Low AC Sense Voltage
- Input Status Indicators



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 wiskers 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.

