

Level Switch Compact Relay Controller

Application

The general purpose controller is offered in two versions with 1 relay and 1 or 2 sensor inputs. The LC10 provides a high or low level switch with a single sensor input. The LC11 provides latched automatic fill or empty control with two sensor inputs, and is typically integrated with Smart Trak. The optional flash alarm brings immediate attention to process conditions. Package the controller with any of our level switches.

Features

Fail-safe compact relay control of pumps and valves with 0-60 second time delay

Optional strobe brings immediate attention to tank alarm conditions

PP enclosure rated NEMA 4X with 300° swivel base for easy conduit alignment

Easy setup with LED indicators for sensor, power and relay status

Tech Tip

The AC powered relay controller has a 10A relay, adjustable time delay, LED indicators and NO or NC invert switch. The rugged NEMA 4X enclosure is made of UL approved fire retardant PP with a swivel base for easy conduit alignment.



LC1_-1002 Shown

Specifications

Supply voltage:	120/240 VAC, 50-60 Hz.
Sensor inputs:	LC10: (1) level switch LC11: (2) level switches
Strobe type:	10_1: N/a 10_2: Xenon tube
Contact type:	LC10: (1) SPDT relay LC11: (1) SPDT relay (latching)
Contact rating:	250 VAC @ 10A
Contact delay:	0-60 seconds
LED indication:	Sensor, power & relay status
Electronics temp:	F: -40° to 158° C: -40° to 70°
Enclosure rating:	NEMA 4X (IP65)
Enclosure material:	10_1: PP (UL94VO) 10_2: PP (UL94VO)
Enclosure mount:	3/4" NPT (3/4" Rp)
Classification:	General purpose



Order

LC1 -10

- Contact / input(s) (1)**
0 1 SPDT relay / 1 sensor
1 1 SPDT latching relay / 2 sensors
- Enclosure mount**
0 3/4" NPT (US)
5 3/4" Rp (Metric)
- Configuration (2) (3) (4)**
1 Controller only
2 Controller with Strobe Alert

Ordering Notes

- 1) Select the best configuration based upon your control requirements. The following are the typical applications for each type:
LC10: High or low level switch
LC11: Automatic fill or empty
- 2) To factory configure for 240 VAC, place an E at the end of the P/N: (ie: LC10-1001-E).
- 3) To order the CE configuration, place CE at the end of the P/N: (ie: LC11-1001-CE).
- 4) For a liquid tight cable connection, order the LM90-1001 connector.

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