

innouTM

Cat.No. LC-FL-412

LC-FL**FLOATLESS
LEVEL CONTROLLER****INSTRUCTION SHEET**

Thank you for selecting INNO for your requirement.

This sheet describes the procedure and precautions required for installing and operating the product.

Kindly read this sheet before operating or installing the product. Store the sheet for future reference.

CAUTION FOR SAFETY

- ① Please keep this sheet for review before use of unit.
- ① Please observe the following:

⚠ WARNING
Serious injury may occur if instructions are not followed

⚠ CAUTION
Product failure or injury can occur if instructions are not followed

⚠ WARNING

1. This is not a safety product and is not to be used with machinery/ places that require the use of safety control.
2. Do not disassemble or modify this unit. It may lead to electric shock/ fire.

Minor burns may occur do not touch the product while ON or immediately after Power OFF.

⚠ CAUTION

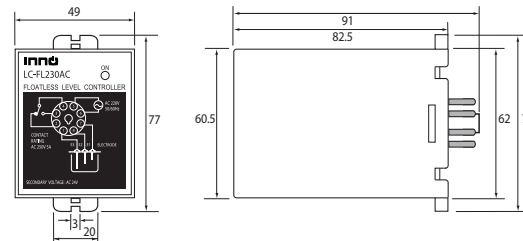
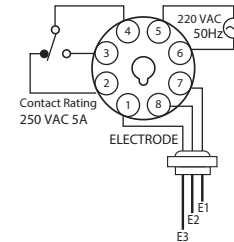
1. This unit shall not be used outdoors.
2. Do not use the unit in places where there are flammable substances.
3. Do not use in places where there is corrosive liquids/ environment.
4. Please observe the rated specifications in Instruction Sheet.
5. Do not connect directly to inductive load.
6. Do not connect above rated load.
7. Do not use this unit in places where there is vibration or impact.
8. Do not use water or oil based detergent for cleaning the unit.
9. Do not use unit without socket.
10. Check the terminals for improper wiring before powering on.
11. Do not use the unit without proper grounding (GND).
12. Please process it as industrial waste and dispose responsibly.

SPECIFICATIONS

*For details on Customized/ Special Models contact Seller

*Models	LC-FL230AC
Input Voltage	200 to 240 VAC
Input Frequency	50 to 60 Hz (47 to 64 Hz Max.)
Electrode Voltage*	8 VAC / 24 VAC
Power Consumption	3.2 VA Approx.
Operating Resistance*	0 ~ 7KΩ Approx. / 0 ~ 25KΩ Approx.
Release Resistance*	15 KΩ Approx. / 38 KΩ Approx.
Response Time	Operate: 80ms ; Release: 160ms
Control Output	5 A, 250 VAC (Resistive load at 55° C)
Insulation Resistance*	Max. 100 MΩ (at 500 VDC)
Dielectric Strength*	2000 VAC, 50/60 Hz for 1min.
Ambient Temperature	Operation: -10° ~ 55° C; Storage: -20° ~ 60° C (non-freezing; non-condensing)
Ambient Humidity	Operation: 35 ~ 85% RH; Storage: 35 ~ 90% RH (non- condensing)
Expected Switching Life	Mechanical: > 5,000,000 operations
Weight	200 grams Approx.

Note: * - Electrode Voltage is the secondary voltage of the transformer; Operating Resistance is measured between electrodes E1 & E3; Release Resistance is measured between electrodes E2 & E3; Insulation Resistance is measured between power terminals and electrode terminals, & between electrode terminals and contact terminals; Dielectric Strength is measured between power terminals and electrode terminals, & between electrode terminals and contact terminals.

DIMENSIONS**CONNECTION DIAGRAM****CONNECTION EXAMPLE****Water Supply**

- Connect contactor coil terminal 'A' to '2'.
- The pump stops when the water level reaches 'E1' and starts when the water level drops below 'E2'.

Drainage

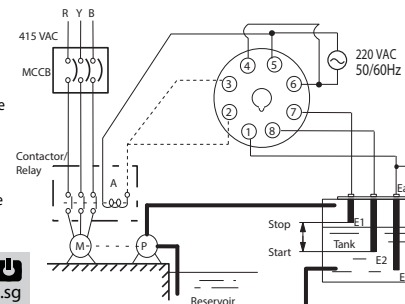
- Connect contactor coil terminal 'A' to '3'.
- The pump starts when the water level reaches 'E1' and stops when the water level drops below 'E2'.

Represented by:

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NOTE: Electrodes and Socket are sold separately