

Liquid Level Controller

SSRC-04



General

SSRC-04 is used for the level and discharge control of conductive liquids in tanks located in industrial plants and domestic applications.

NOTE: Liquid Level Electrodes can not be used with flammable liquids.

PRODUCT SELECTION TABLE

Product Code		Single Tank	5-50 kΩ Adjustable	Small Electrode	Large Electrode	Pcs / Carton
SSRC-04	Liquid Level Controller	●	●			10
LLS-01	Liquid Level Electrode			●		100
LLS-02	Liquid Level Electrode				●	100

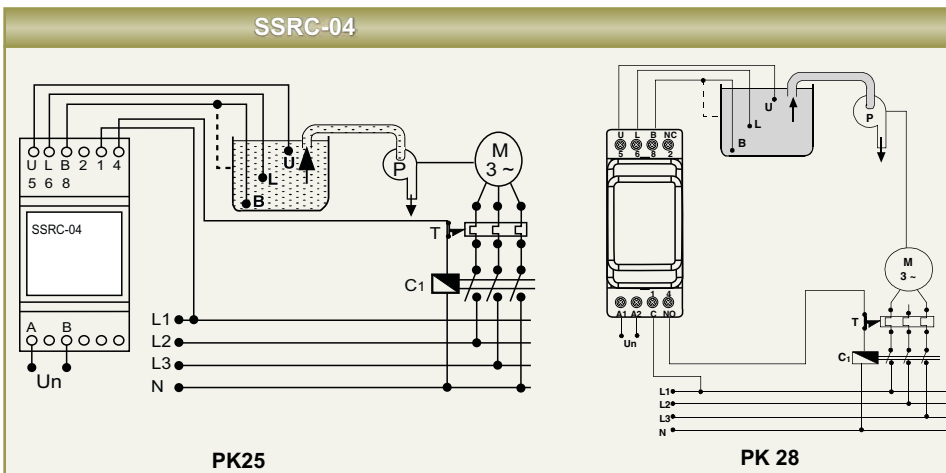
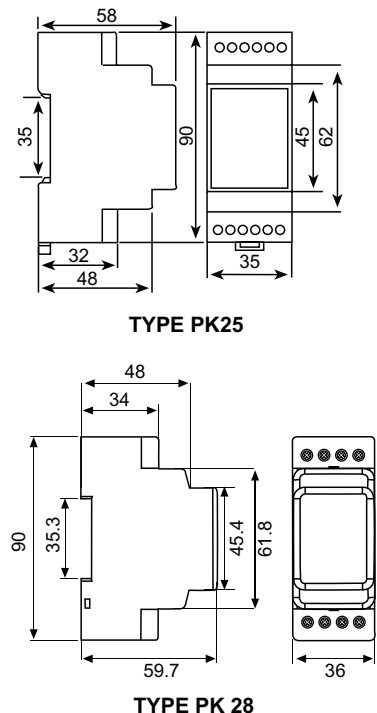
SPECIFICATIONS

SSRC-04	
ENCLOSURE	
Dimensions	PK25 - PK28
Protection Class	IP20
Weight	0,25kg ; 10 pcs / carton
SUPPLY	
Operating Voltage	230VAC±%10, 400VAC±%10
Operating Frequency	50/60 Hz
Operating Range	(0,9-1,1)xUn
Sensitivity	5-50k ohm adjustable
Warning Light	Front panel LED
OUTPUT	
Contact Output	1CO 8A 2000VA
Ambient Condition	
Ambient Temperature, Humidity	-5 / +50°C ; 85%
CONNECTIONS	
Mounting	Rail mounted; terminal with screw
Connection Types	Single Phase 2 Wires

Operating Principle

The output relay switches ON when the liquid reaches the upper level electrode U (terminal 5). The output relay switches OFF when the lower level electrode is no longer in contact with the liquid (in order to prevent the system to work with empty containers). Base electrode B (terminal 8) has to be connected to the container in order to determine the bottom level. If the container is made of a non-conductive material, an additional electrode, connected to terminal 8, must be used. The sensitivity (i.e., impedance between electrodes) can be adjusted to 5-50 kΩ for different liquids by means of the knob on the front panel. The LED on the front panel lights when the relay is ON position.

Dimensions



Connection diagrams are given for reference. Please always check the latest user manual given with product or download from www.entec.com.tr

