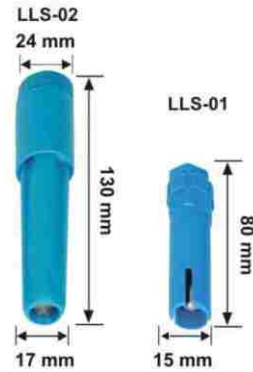


LIQUID LEVEL CONTROLLER

SSRC-04



SSRC-04



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

	Single Tank	5-50 kΩ Adjustable	Small Electrode	Large Electrode	Pcs / Carton
SSRC-04	•	•			10
LLS-01			•		100
LLS-02				•	100

Product Code

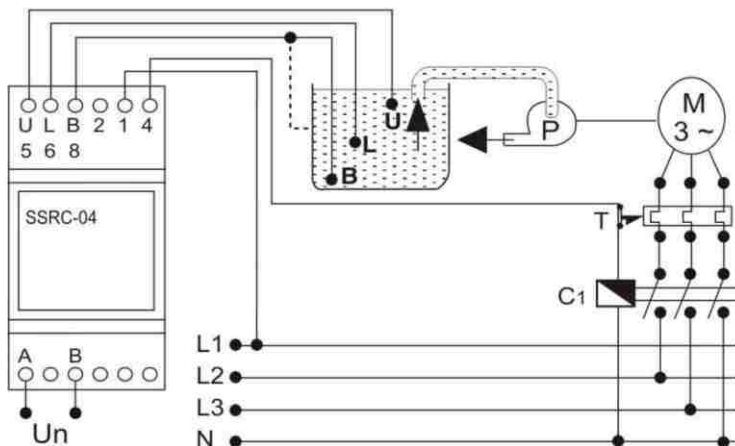
SSRC-04	Liquid Level Relay				10
LLS-01	Liquid Level Relay Electrode				100
LLS-02	Liquid Level Relay Electrode				100

MODEL

SPECIFICATIONS	SSRC-04
Electrical Parameters	
Operating Voltage (U_n)	230 V AC $\pm 10\%$; 50/60 Hz
Operating Range	(0,9 - 1,1) x U_n
Sensitivity	5 - 50 kΩ (adjustable)
Warning Light	LED on front panel
Output Contacts	1 C/O, 8 A, 2000 VA
Mechanical Parameters	
Ambient Operating Temperature	-5°C, +50°C
Degree of Protection	IP20
Dimensions	PK25
Weight / each	0,25 kg
Quantity in 1 package	24 pcs

General

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



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.