LIQUID LEVEL CONTROLLER
SSRC-04

Product Code
SSRC-04  Liquid Level Relay
LLS-01  Liquid Level Relay Electrode
LLS-02  Liquid Level Relay Electrode

MODEL
SPECIFICATIONS
SSRC-04

Electrical Parameters
Operating Voltage (U_{e})  230 V AC ±10% ; 50/60 Hz
Operating Range  (0.9 - 1.1) x Un
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.

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

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