

Features

- 190-260VAC
Operating Range
- Adjustable sensitivity
between 5 – 50 k Ω
- DIN Rail Mounting
- IP20 Protection Class
- 1 x 8A CO or NO
relay output
- Used with liquid level
electrodes
- Control the level of
the conductive liquids

RS PRO Level Controllers

RS Stock No.: 0558895

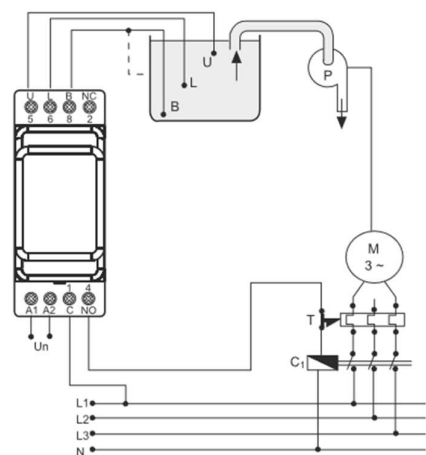


RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Liquid level controllers are designed to control the level of the conductive liquids and to prevent working the motors without water in tanks. Liquid level controllers are used in wells, wastewater treatments, pump stations and tank level controlling.

Utilization and Working Principle:



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

The Out LED on the front panel lights when the relay is ON position.

Note: This controller cannot be used with flammable liquids.

General Specifications

Operating Voltage (Un)	230VAC $\pm$ 10%
Operating Frequency	50-60Hz
Operating Range	190-260VAC
Sensitivity	5-50k Ω Adjustable

Enclosure Specifications

Dimensions	90 x 60 x 36mm (DIN Rail Mounting)
Width	36mm
Length	60mm
Height	90mm

Output Specifications

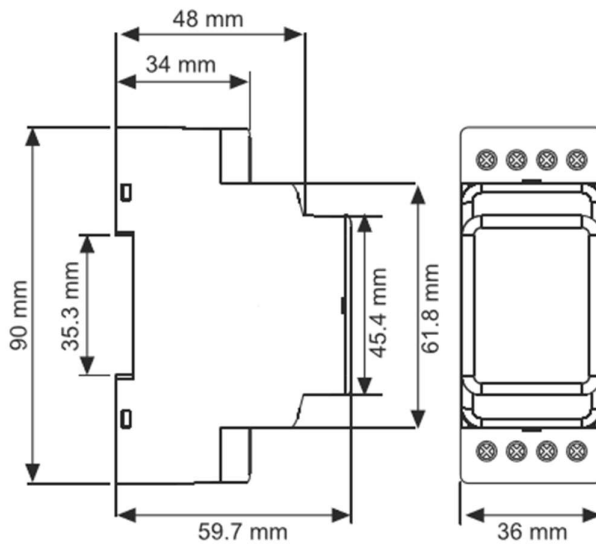
Output Contact	1CO, 8A, 2000VA ($\cos\phi=1$)
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Ambient Specifications

Ambient Temperature/Humidity	-5 / +50 °C; % 85
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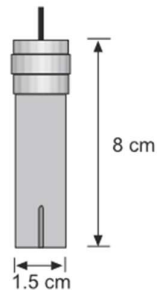
Connection Specifications

Mounting	Rail Mounting; Terminal with Screw
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To be used together with

Liquid Level Electrode



RS Pro Code	LLS-01
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