

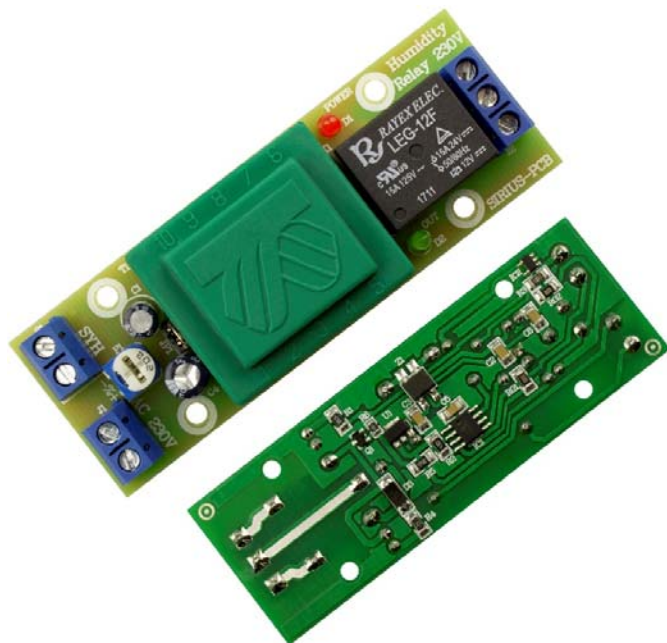


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Humidity Relay 230V

№100844



The device is constructed on the base of modern microcontroller and destined to measuring and controlling the

relative humidity of the air by controlling a consumer with relay output.

Specifications of Humidity Relay 230V

Control of humidity from 40%÷95% RH

Function of delay disconnection - 2 min

Relay output max 250V AC/7A with normally open NO, normally closed NC and common terminal COM

Selection of mode on regulation: low or high

External sonde for detecting the humidity (it is not included in the set)

LED indication for activated output

LED indication for switched on power supply

Power supply voltage: 230V AC

Size: 82mm x 30mm

Suitable for assembling in a box of a DIN runner – Z-103

Attention!!!

Installation and exploitation of the device insist respectation of all the requirements for safety work with high voltage!!!

Description

- regulator-relay for control of humidity with function delayed disconnection
- trimmer **P1** – for adjusting the limit of activation to the output for humidity from 40%÷95% RH (the sensor must NOT be in touch with water or liquid)
- to terminal **S1** – it is installed the sensor of humidity
- to terminal **J1** – it is powering on supply voltage **230V AC**
- terminal **J2** – normally open and normally closed terminal of the relay
- by jumper **JP1** – it is selecting a mode on regulation (high/low)

Indication

- red LED **D1 (PWR)** – turned on power supply
- green LED **D2 (OUT)** – activated output

Mode on regulation

In set jumper **JP1**

- The output is activating on **HIGHER** humidity than determined by trimmer **P1**

Without jumper **JP1**

- The output is activating on **LOWER** humidity than determined by trimmer **P1**

Example Scheme of Connecting of the Device with Load AC 230V

