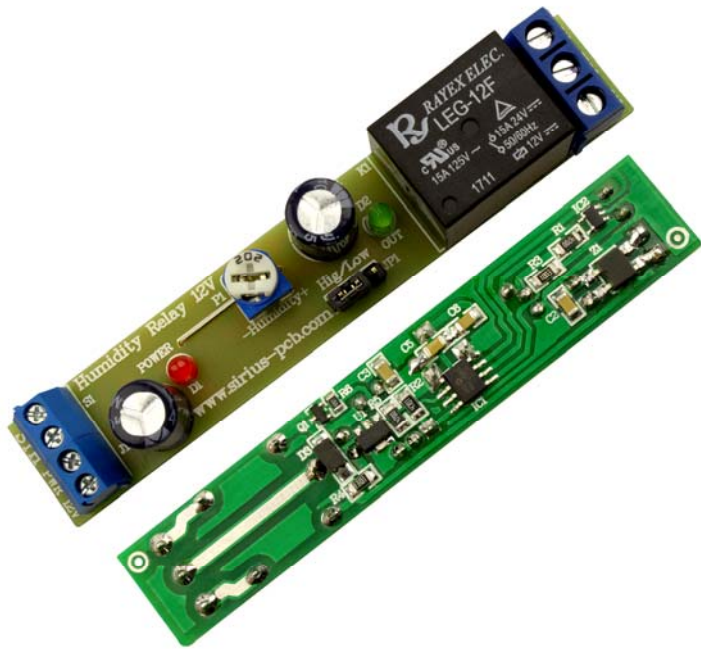


## Humidity Relay 12V

№100843



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

### Specifications of Humidity Relay 12V

Control of humidity from 40%÷95% RH

Function of delayed disconnection - 2 min

Delayed 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: 12V DC/10V AC

Size: 85mm x 15mm

Suitable for assembling in a box of a DIN runner – Z-105

### Attention!!!

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

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

### Description

- regulator-relay for control of humidity with function delayed disconnection
- trimer 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 a liquid)
- to terminal S1 – it is installed the sensor for humidity
- to terminal J1 – it is switched on power supply voltage 12V DC/10V 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) – switched on power supply
- green LED D2 (OUT) – activated output

### Mode on regulation

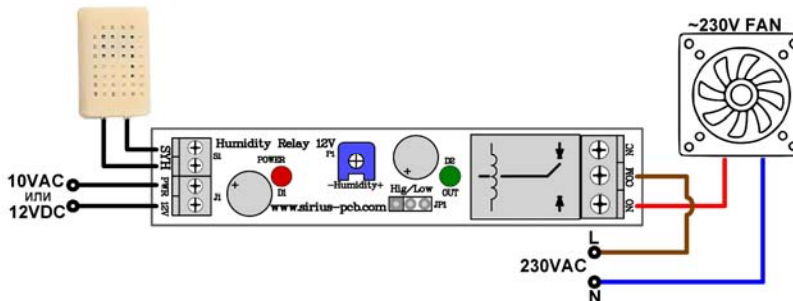
In set jumper JP1 on state **Hig**

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

In set jumper JP1 on state **Low**

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

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



### Example Scheme of Connecting of the Device with Load DC 12V

