SENSOR HUMIDITY

CV701

When the set relative humidity (RH) is reached, the connected device (fan, hood, signaling equipment, etc.).

ELEKTROBOCK CZ
MADE IN CZECH REPUBLIC

LEAD FREE
in accordance
with RoHS

DESCRIPTION

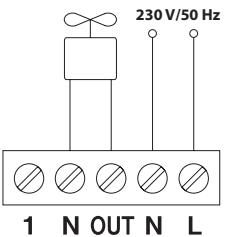
CV701 is an ideal solution for places where there is a high risk of mold (on masonry, windows, tiles).

The main function of the CV701 is to control the fan (ventilation) with respect to the size of the relative humidity (RH) in the room (RH is the percentage of water vapor content in air at a given temperature compared to air vapor fully saturated at the same temperature). High RH can cause condensation of water vapor and thus the formation of mold. Molds not only damage property, but can also seriously endanger human health (allergies, asthma).

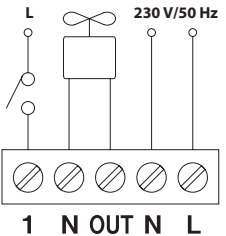
CONSTRUCTION

Remove the terminal cover (Fig.1). Connect the 230V / 50Hz power supply to the **N** and **L** terminals (the first two from the right). Connect the device we want to switch to the terminals marked **OUT** and N, eg the fan (diagram no. 1). The terminal marked number 1 does not have to be connected, it is used for connection of external control (diagram no. 2). After connecting the wires, return the terminal box cover and attach the CV701 to the installation box.

scheme no.1



scheme no.2



NOTICE

The humidity sensor must be installed at least 1 m from the fan! Select a location where the sensor will not be affected by direct warm airflow from the heater, sunlight, or other disturbances.

We always change the fuse for the same type F2A / 1500A, 250V. Only a person may install and replace the fuse (without voltage) with the appropriate qualifications.

SETTINGS

At the required humidity (ie whenever we want it to occur to switch on the connected device) turn the control element (Fig.2) counterclockwise until the red LED lights up and the connected device is switched on.
When the set RH value is exceeded, CV701 starts automatically regulate room ventilation. If the humidity does not reach the set value, the CV701 is inoperative.

When connected with an external switch (diagram no. 2), it is possible to manually regulate the ventilation regardless of the humidity in the room.

Fig.1

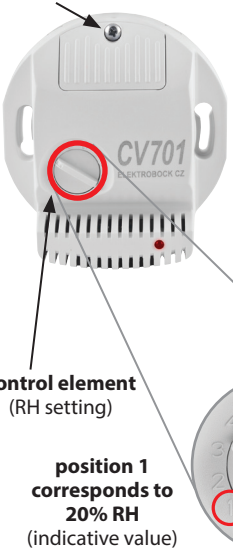


Fig.2

HUMIDITY SENSOR CV701

It is an ideal solution for places with a high risk of mold on masonry, windows and tiles - bathrooms, kitchens, etc.

The product is guaranteed 2 years. In case of warranty and post-warranty service, send the product (including a copy of the confirmed proof of purchase) to the manufacturer's address.

Technical parameters	
Power supply	230 V/ 50 Hz
Max. switching power	15 - 200 W
Power consumption	< 0.5 W
Measured relative humidity	20 - 95 % RH
Switching element	triac
Fuse	F2A/ 1500 A
Degree of protection	IP20
Operating temperature	0°C to +50°C

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