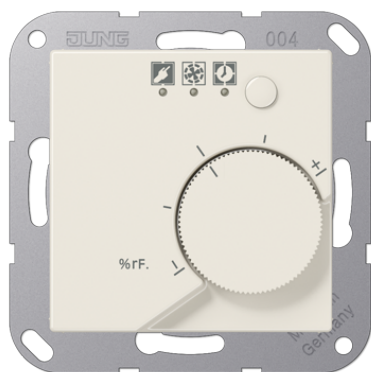


Product data sheet

Humidistat



Reference number

A 5201 HYG

Humidistat

Intended use

The hygrostat regulates the humidity of the air in order to create a healthy room climate. This helps to prevent damage from mould and mildew.

- Measurement of air humidity in rooms
- Control of 230 V heating and ventilation appliances
- Installation in flush box according to DIN 49073

Product characteristics

- Measurement of room temperature and air humidity to determine the optimal content of moisture in the air
- Control of heating and ventilation appliances for the removal of moisture in rooms
- Manual control range approx. 20 ... 95 % or fixed value of 60 % relative humidity
- Control knob for manual adjustment of the setpoint
- Modes of operation: automatic, manual, party, standby
- Status LED
- Time-controlled continuous operation

Function

The humidistat uses an integrated sensor to measure the moisture and temperature in the room. If the humidity exceeds a value set previously on the knob on the humidistat, a connected device is activated to dehumidify the room.

Technical data

| | |
|--|---------------------------------------|
| Rated voltage: | AC 230 V ~ |
| Mains frequency: | 50/60 Hz |
| Ambient temperature: | 0 ... +45 °C |
| Storing temperature: | -20 ... +70 °C |
| Storage humidity: | 20 ... 60 % relative humidity (r. h.) |
| Contact: | floating NO contact |
| Contact type: | μ |
| Switching voltage AC: | max. 230 V |
| Switching current AC1 (cos > 0.8): | 15 mA ... 8 A |
| Switching current AC3 (cos < 0.8): | 15 mA ... 4 A |
| Motors: | 15 mA ... 4 A |
| Switching voltage DC: | max. 24 V |
| Switching current DC: | 15 mA ... 8 A |
| Control range: | 20 ... 95 % relative humidity (r. h.) |
| Measuring tolerance: | ± 5 % r. h. |
| Switching difference: | ± 2 % |
| Length of output cable (≥ 1.5 mm ²): | max. 100 m |
| Connection: | screw terminals |
| Terminals for: | 2.5 mm ² |

Thermoplastic (breakproof) high-gloss

Colour:

ivory

Material:

thermoplastic