

Product data sheet

Humidistat



Reference number

CD 5201 HYG LG

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:
light grey

Material:
thermoplastic