

Datasheet FHY 101.060#21

Articlenumber: UA020003

Room hygrostat, flush-mounted, 24 VAC to 230 VAC, 35...85% r.H., changeover contact, alre frame, cover 50 x 50 mm, pure white, glossy

The room hygrostat is designed for monitoring and controlling the relative humidity, e.g. in business premises, apartments, conservatories, bathrooms, swimming pools, IT rooms and other rooms with a clean, non-aggressive environment. A potential-free changeover contact is activated by the effect of the relative humidity on a measuring band. The setpoint value is set using the setting knob on the front. The setting range can be limited.



Ambient temperature	0 ... 50 °C
Assembly	Complete device
Bearing temperature	-20 ... 60 °C
Can be read off	No
Colour	Pure white
Connection cross-section	0,5 – 2,5 mm ²
Cooling control function	No
Degree of contamination	2
Design	Berlin UP
Dimensions (W x H x D)	81 mm x 85 mm x 42,5 mm
Electric connection	Screw terminals
External setting	Yes
Heating control function	No
Housing material	Plastic PC
Internal setting	No
Max. air humidity (non-condensing)	95 % r.H.

Max. switching current	Dehumidify: 5 (0,2) A, humidify: 2 (0,2) A
Max. switching voltage	230 VAC, 50 Hz
Mechanical range reduction	Yes
Medium	Air
Min. switching current	100 mA
Min. switching voltage	24 VAC, 50 Hz
Montage/Befestigung	Flush mounting (deep socket recommended)
Number of outputs	2
Operation	Rotary knob
Output signal	Switching
Potential free switching contact	No
Protection class	II, following appropriate mounting
RAL colour number (similar)	9010
Regelfunktion Befeuchten/Entfeuchten	Yes
Relative humidity setting range	35 ... 85 %
Safety and EMC	In accordance with DIN EN 60730
Schalter Ein/Aus	No
Sensor element	Plastic fibres
Surface finish	Gloss
Switching contact	Two-way contact
Switching difference, can be adjusted	No
Switching differential	5 % r.H.
Switching element	Microswitch
Switching power	1150 W (230 VAC) / 460 W (230 VAC)
With thermostat	No