

Electronic humidistat EH4



- Two step humidistat with fast response sensor
- Two independent volt-free control relays
- Visible "High RH" alarm
- Possible to use also for humidification

Two closing contacts: Two independently programmable relays with adjustable hysteresis. Possible to use for both dehumidification and humidification. Suitable for Hi/Lo/Off control of one unit, On/Off control of two separate unit or On/Off control of one unit plus remote high/low RH alarm.

Display and diodes: High visibility RH display (15 mm). Neon lamps indicate relay operation. Display flashes if 'High RH' set point is exceeded.

Sensor: Honeywell fast response capacitive type moisture sensor. Factory calibrated (accuracy <math>< \pm 2\%RH)</math>).

Optional: available for wall or duct mounting.



EH4 and standard room sensor IP65.
Room sensor: low voltage 3 m.
Optional: 25 meters RJ9 extension cable (50 meters maximum)

Option: External display. Display and key set via a 25 m low voltage cable



Display: RJ9 cable low voltage Standard 25 m. Optional extension kit, (200 metres max)



Relay: 230V supply

Option: duct sensor, IP-65



World leaders in dehumidification.

EH4 BOX

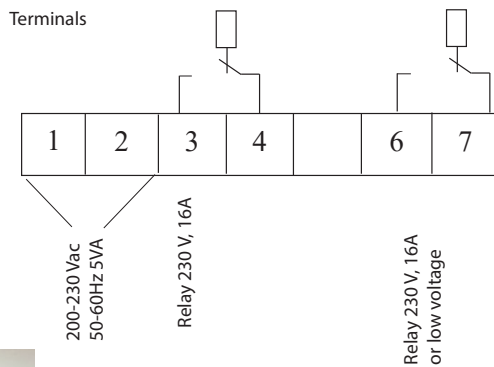
- Dimensions:** Height: 100 mm, depth: 60 mm, width: 100 mm.
- Display:** 1 row LED.
- Programming:** Four push-buttons for programming.
- Protection Class:** IP44.
- Weight:** 0.6 kg.
- Mounting:** 4 screw holes, Ø4 mm, towards the wall.
- Option:** Separate display box with 25 m or 50 m low-voltage cable. IP65 duct sensor can also be mounted on wall. Cable with amphenol plug to control single phase dehumidifier. combined with supply to the EH4.

SENSOR

- Measuring range:** 0-99%RH (non condensing).
- Accuracy:** $<\pm 2\%$ RH in the full measuring range.
- Response time:** At low air speed, 30 second.
- Mounting:** Wall assembly.
- Sensor type:** Room sensor, 3 m sensor cable.
- Protection class:** IP 65 (housing).
- Option:** Ductsensor. Insertion length is 65 mm, Ø13 mm.

CONNECTIONS & PROGRAMMING

- 2 separate relays:** Potential free, max 230Vac 16A each.
- Visual alarm:** Display starts blinking when set value is reached.
- Cable size:** Maximum 1x1.5 mm 2 per terminal.
- Supply:** 230Vac standard, 115Vac also available, 50-60 Hz (cable not included).



Remote display option



Display cable

Sensor cable

25 meters low voltage cable to display from relay box.
230 V supply to relay box. 3 meter sensor cable from relay box

Panel-mounted EH4 in RL-71R



EH4 plus room sensor mounted on DR-010B



Updated 19.01



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