

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 < $\pm 2\%$ RH). 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: 230 V supply

Option: duct sensor, IP-65



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, Ø4mm, 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:	<±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 1 x 1.5 mm ² per terminal
Supply:	230Vac, 50-60 Hz (cable not included)

EH4 plus room sensor mounted on DR-010B



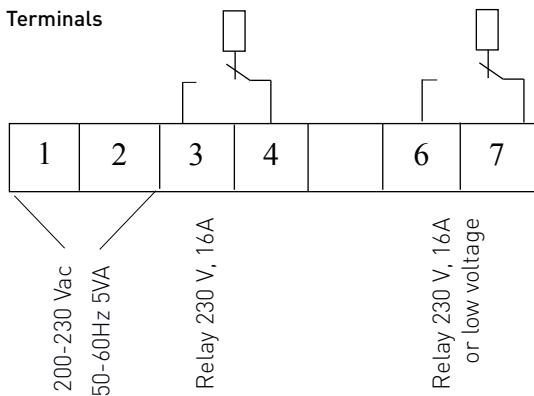
Remote display option



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.

Terminals



Panel-mounted EH4 in RL-71R.

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