

EH4 Electronic humidistat

- *Two step humidistat*
- *Fast response sensor*
- *Two independent volt-free control relays*
- *Visible "High RH" alarm*



Two closing contacts:

Independently programmable relays with adjustable hysteresis. Suitable for Hi/Lo/Off control of one dehumidifier, On/Off control of two separate dehumidifiers or On/Off control of one dehumidifier plus remote high RH alarm. Two independent volt-free control relays.

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\% \text{ RH}</math>). Optional: available for wall or duct mounting.

Options:

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

IP65 duct sensor

Display box

Relay box

Sensor



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

230 V
supply

RJ9 cable, low voltage 3 m.
Optional 25 metre RJ9 extension cables, (50 metres max).



Technical data

Sensor

Measuring range	0-99%RH (non condensing)
Accuracy	<±2%RH in the full measuring range
Response time	At low air speed, 30 secondWall assembly
Mounting	Wall assembly
Sensor type	Room sensor, 3 m sensor cable

Box

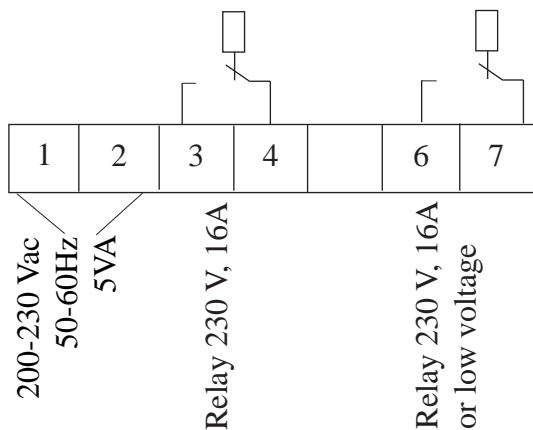
Dimensions	height: 100 mm, depth 60 mm, width 100 mm
Display	1 row LCD
Programming	Four push-buttons for programming.
Casing	IP44, Sensor box IP20, option IP65. Surrounding temperature: 0-55°C
Weight	0.6 kg
Mounting:	4 screw holes 4 mmø, towards the wall.

Option	Separate display box with 25 m or 50 m low-voltage cable IP65 duct sensor can also be mounted on wall.
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Connections and 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)

Terminals



Remote display option:



Display cable Sensor cable

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

Seibu Giken DST AB

Avestagatan 33, 163 53 Spånga, Sverige
www.dst-sg.com E-mail: info@dst-sg.com
tel: 08-445 77 20; fax: 08-445 77 39

Representative: