

S&P Humidity Sensor - From Byretech



Tools required to complete the installation.

- Power Drill (2 x mounting screws) / drill
- Tape measure
- 1.0mm cable (unit does not require earth connection)
- Electrical flat bladed screwdriver

Consult Electrician on how to connect this item to the fan / RCD you are using - Any questions please call Byretech

Part Numbers

1 x AIRSENS RH / BH60

Installation instructions

- The purpose of this unit is to allow automatic control of a bathroom fan when the humidity level rises when taking a bath / shower.
- The unit has a number of advanced features which general users will not require, but it is the best available unit for reliably controlling humidity levels.
- The unit can be wall or ceiling mounted and we recommend that it is sited high on the wall and away from any potential water splashing (Zone 2).

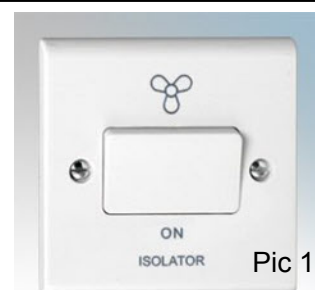
Removing the lid can be done easily with a small electrical screwdriver see Pic 2

- The unit requires a constant Live / Neutral supplied via a fan isolator (Pic 1).
- Wiring the unit is as the diagram 1 Opposite and the wires can be neatly arranged into the cut out in the rear of the unit.
- Allow 10 mins to acclimatize after power up before any adjustments.
- Setup - On power up the Green LED's will be illuminated and there is a Power on Red LED and a Red flashing LED which is normal and can be ignored. This for advanced communications and not used. (RED X)

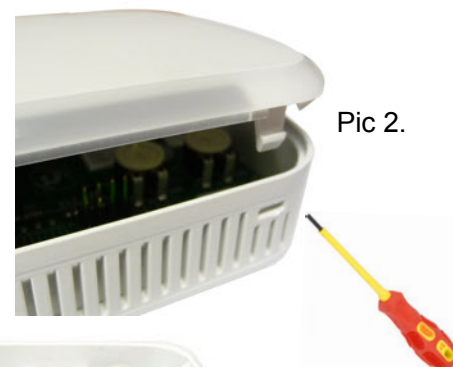
• To Test the unit once it is wired up, breath on the area (A) and this will be sensing your humid breath. Within a few seconds the Green LED's will turn to Red. The relay will operate (Click) and power will be sent to the fan.

• Once the humidity level drops to normal levels again the unit will switch off the relay and the LED's will turn to green again (Standby mode)

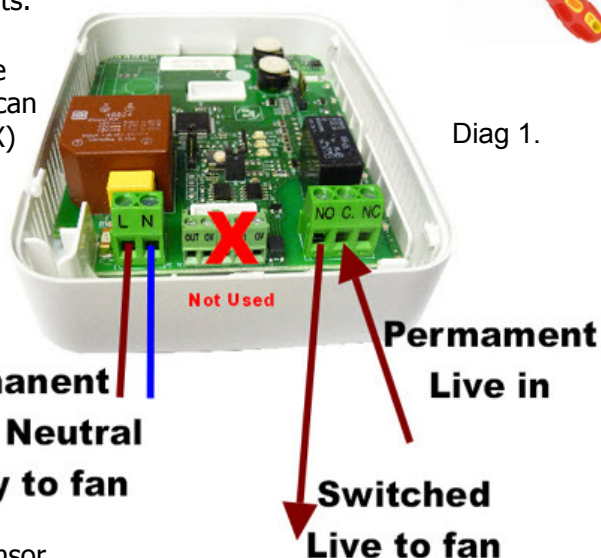
• Assuming the fan has an over run timer, it will run until the timer switches the fan off independently of the humidity sensor.



Pic 1.



Pic 2.



Diag 1.



Byretech Ltd
The Bathroom Water Damage
Prevention specialists

Byretech Ltd
Unit 51 Padgets Lane, South Moons Moat,
Redditch, Worcestershire B98 0RD UK.
Phone: +44 (0) 1527 522 522 Fax: +44 (0) 1527 522 111
E-mail: info@byretech.com Web: www.byretech.com

Typical Installation Setup - Setups may vary but this is the most common.

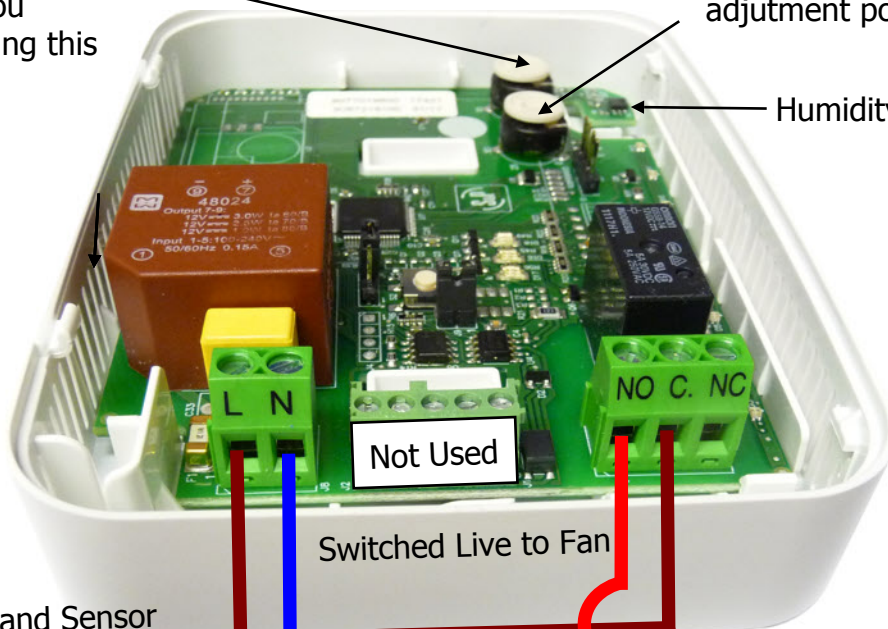
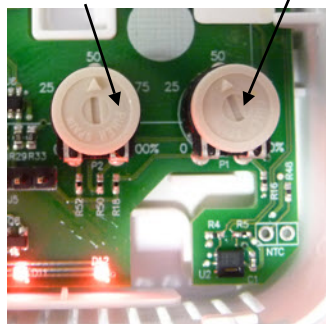
If in doubt you must consult a qualified electrician to complete the wiring for you. Please also see the S&P guide in the box that the unit comes with. This a guideline only and Byretech accept no responsibility for wiring errors or damage caused thereafter.

Humidity Set point adjuster - factory set - We recommend that you try the setup without adjusting this Humidity potentiometer.

LED Brightness adjustment potentiometer

Humidity Sensor

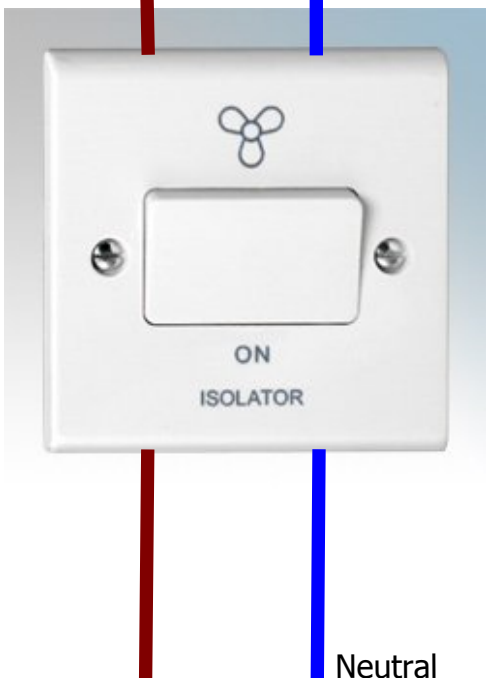
LED Brightness Humidity Adjustment



Switched Live to Fan

Permanent Live to Fan and Sensor

Permanent Neutral to Fan and Sensor



Permanent Live

Neutral

