

**CONDENSATION SENSOR
CHILLED CEILINGS / BEAMS****ECB-02**

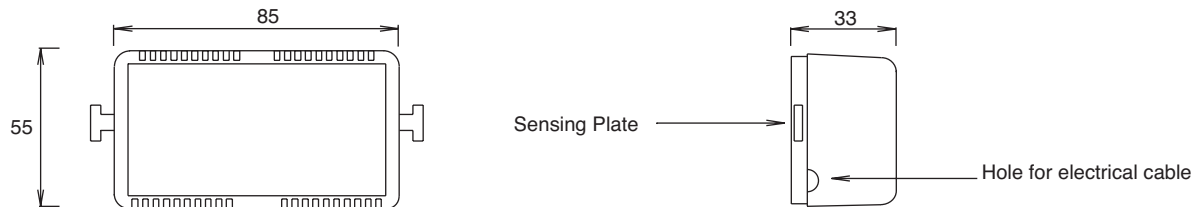
Used to prevent 'indoor rain' with chilled beam / ceiling systems etc by detecting the early onset of condensation. Condensation is detected by a specially treated sensing element fixed directly to an aluminium sensing plate.



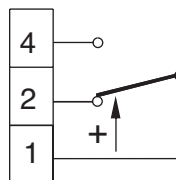
ECB-02

Volt free contacts
Max ambient 0-60 C
Accuracy $\pm 3\%$
Screw Terminals 0.5-2.5mm
For chilled ceilings recommended setting is approx 80%
Enclosure Flammability = UL94-V0

Type	Description	Operation	24V SPDT	Enclosure
ECB-02	Switch & sensor	Switch closes on detection of moisture and opens when dry.	5(2)A	IP30

DIMENSIONS**ECB-02**

The set point adjuster is under the cover.

WIRING:**ECB-02**

On detection of condensation contacts 1-2 open and 1-4 close.

INSTALLATION: The unit should be mounted directly onto the coldest part of the pipe/beam.

The unit can be fixed into position by using the cable ties around the mounting bracket. Ensure that good thermal contact is maintained between the sensing plate and the pipe/beam. Do not allow any space between the contact area.