


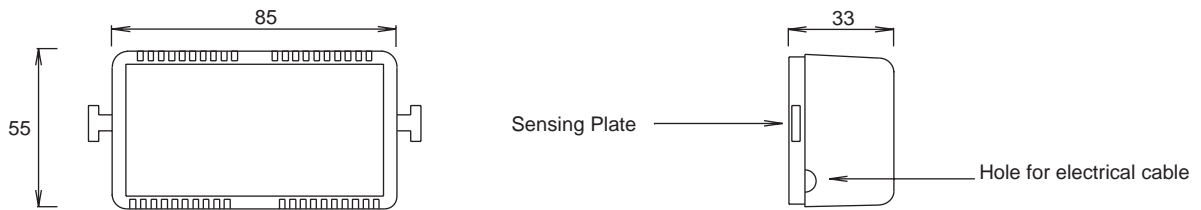
CONDENSATION SENSOR CHILLED CEILING / BEAMS

ECB-02

<p>■ 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.</p>	 <p style="text-align: center; margin-top: 5px;">ECB-02</p>	<p>Volt free contacts Max ambient 0-60°C Accuracy ± 3% Screw Terminals 0.5-2.5mm² For chilled ceilings recommended setting is approx 80% Enclosure Flammability = UL94-V0</p>	
<p>Type Description</p>	<p>Operation</p>	<p>24V SPDT</p>	<p>Enclosure</p>
<p>ECB-02 Switch & sensor</p>	<p>Switch closes on detection of moisture and opens when dry.</p>	<p>5(2)A</p>	<p>IP30</p>

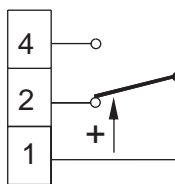
DIMENSIONS:

ECB-02



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.

CAUTION:

These products are suitable for low voltage supply only. Isolate device from electrical supply before removing cover. Always ensure the device operates correctly. If failure of the device can cause damage a safety backup control should be fitted. All data is for guidance purposes only, subject to change without prior notice and not guaranteed to be absolutely correct unless confirmed by us in writing.

Device should be checked by a qualified technician before applying any voltage. Observe all relevant safety precautions, wiring/earthing regulations and electrical ratings.

