PC-TC – room temperature and CO_2 controller



The appearance of the product may differ from the illustration. Technical specifications are subject to change.

PC-TC

APPLICATION AND USE

Controller with a 0...10 V output signal for control of e.g. an EC fan or damper actuator.

Combined sensor and controller

PC-TC is a stand-alone unit containing a controller, a temperature sensor and a CO_2 sensor. This enables you to save on component costs, resulting in a cheaper, easier installation.

Simple, easy handling

PC-TC is perfectly suited for demand controlled ventilation and contributes to a healthy room climate and reduced energy costs. The unit has a reversible output signal that permits control of either heating or cooling. The control mode is changed simply by moving a jumper. The temperature setpoint is easily changed using the wheel on the right side of the casing. The rotary switch for the CO_2 setpoint is located inside the casing.

Easy installation

The unit is intended for mounting on a standard device box and powered by 230 V. No transformer is required.

KEY FEATURES OF PC-TC CONTROLLER

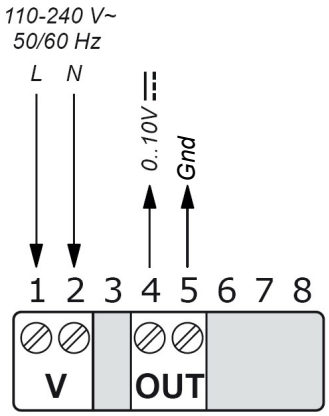
- CO_2 concentration and temperature control.
- Configurable for control either of heating or cooling.
- Adjustable setpoint, P-band and I-time.
- Discreet, stylish design suitable for all indoor environments.

TECHNICAL SPECIFICATION

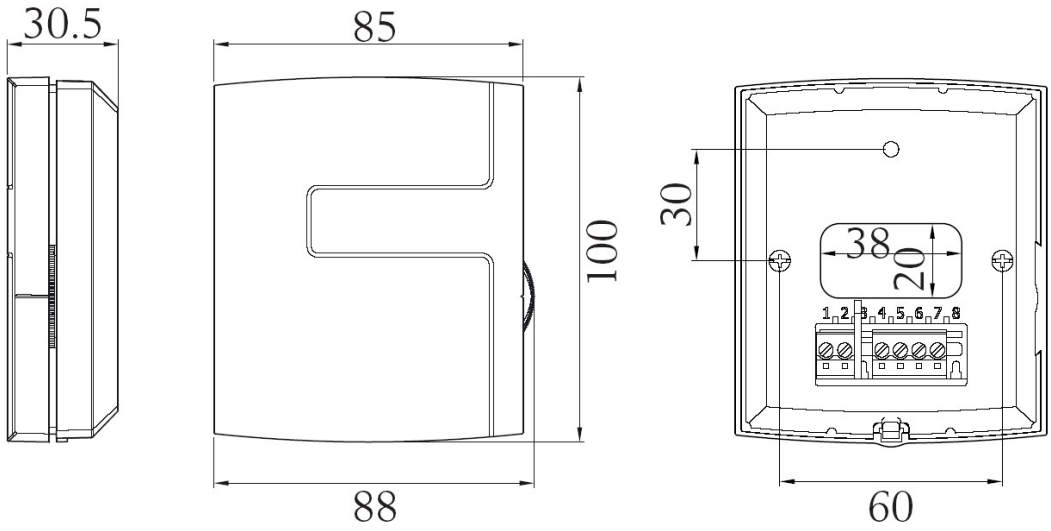
Power supply	110...240 V AC, 50/60 Hz
Power consumption	max. 1.25 W
Protection class	IP30
Ambient operating temperature	0...+50C
Humidity	10.-90% RH (non condensing)
Working range, CO_2	0...2000 ppm
Outputs	1 analogue output 0...10 V (RL > 10 kΩ)
Dimensions (WxHxL)	88 x 100 x 30.5 mm
Installation	wall
CE	**Low Voltage Directive (LVD):**This product conforms to the requirements of the European Low Voltage Directive (LVD) 2006/95/EC through product standards EN 60730-1 and EN 60730-2-9.
	EMC emissions & immunity standards: This product conforms to the requirements of the EMC Directive 2004/108/EC through product standards EN 61000-6-1 and EN 61000-6-3.
	RoHS: This product conforms with the Directive 2011/65/EU (RoHS) of the European Parliament and of the Council.

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WIRING



DIMENSIONS [mm]



Due to continuous product improvement, specifications are subject to change without notice.

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