



## TAE2

Electronic room thermostat

**TAE2 is a 1-step electronic room thermostat for control of climate and air handling facilities.**

- **Supply voltage** 230 V AC
- **Change-over contact** for control of heating or cooling
- **Contact rating** 16 A, 250 V

TAE2 is an electronic room thermostat for wall mounting. The thermostat has a built-in temperature sensor and change-over relay output. The thermostat is intended for use with a 230V AC supply voltage.

#### External sensor

An external sensor can be connected as an alternative to the intended sensor, if required. When an external sensor is used, the jumper for setting the sensor is set for this running mode (see overleaf).

#### Setpoint

The setpoint is set by means of the setpoint knob at the side of the thermostat. This can be locked if necessary by means of the locking screw under the cover.

- **Input for external sensor**
- **Fits over inset device box**, cc 60 mm
- **Lockable setpoint adjustment**

#### Locking the setpoint knob

In order to eliminate the risk of tampering, the setpoint knob can be locked by means of a locking screw under the cover.

#### Mounting

The cover of the controller is held by a snap catch which is opened by depressing the locking torque in the bottom edge using a screwdriver.

The screw pockets have a cc of 60 mm to enable mounting over an inset wallbox.

#### Typical applications

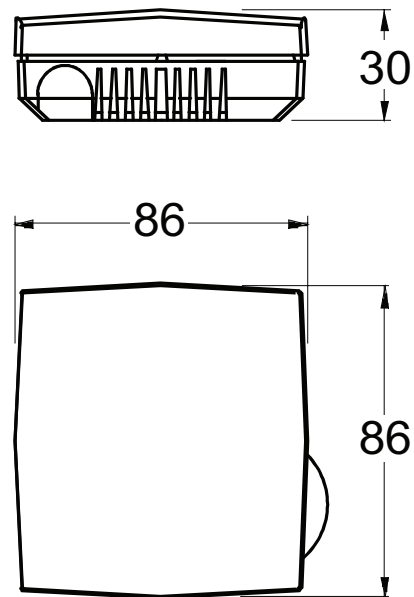
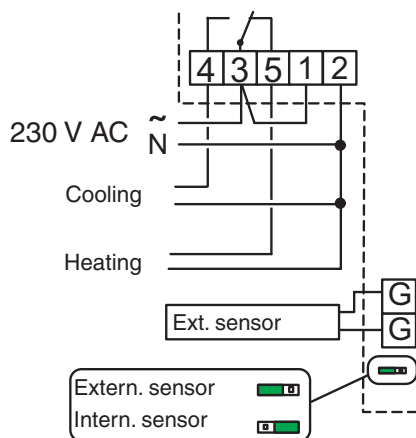
For control of heating or cooling coils, fan heaters, fans, DX-cooling, solenoid valves, heating cable, floor heating, for use in alarm systems, etc.

## Technical data

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supply voltage      | 230 V AC +/- 15 % 50...60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power consumption   | 1 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ambient temperature | 0...50°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage temperature | -40...+50°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ambient humidity    | Max 90% RH                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Protection class    | IP30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>CE</b>           | Low Voltage Directive (LVD) standards: 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.<br>EMC emissions & immunity standards: This product conforms to the requirements of the EMC Directive 2004/108/EC through product standards EN 60730-1 and EN 60730-2-9.<br>RoHS: This product conforms with the Directive 2011/65/EU of the European Parliament and of the Council. |

|                 |                                                |
|-----------------|------------------------------------------------|
| Input           |                                                |
| External sensor | One input. Only for NTC-sensors STCC-NTC15-01. |
| Output          |                                                |
| Relay           | One change-over contact, 230 V AC 16 A         |
| Settings        |                                                |
| Setpoint        | 20...50 °C                                     |
| Hysteresis      | 1...10 K                                       |

## Wiring and dimensions



NB: The thermostat may control either heating or cooling, but not both simultaneously.