



TM1 is a one-step electronic room thermostat for control of heating or cooling applications.

- * Supply voltage 230 V AC
- * Changeover contact for control of heating or cooling
- * Contact rating 16 A, 250V
- * Input for external sensor
- * Fits over an inset wallbox, cc 60 mm
- * Setpoint adjustment can be locked

Function

TM1-P is an electronic room thermostat for wall mounting. The thermostat has a built-in temperature sensor and changeover relay output. The thermostat is connected to supply voltage 230V AC.

External sensor

An external sensor can be connected if required for controlling floor-heating etc. 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.

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 c:c of 60 mm to enable mounting over an inset wallbox.

Typical applications

For controlling heating or cooling coils, fan heaters, fans, DX-cooling, solenoid valves, heating cable, floor heating, as alarm 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
 Form of protection IP30



This product conforms with the requirements of European EMC standards CENELEC EN 50081-1 and EN 50082-1, European LVD standards IEC 669-1 and IEC 669-2-1 and carries the CE mark

Input

External sensor One input. Only for Regin NTC-sensors. See leaflet 6-100 for choice of sensor.

Output

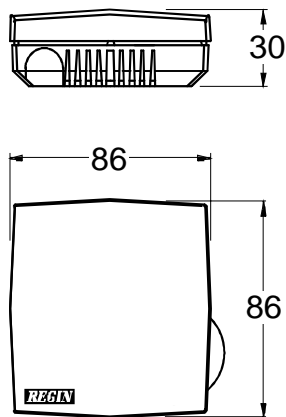
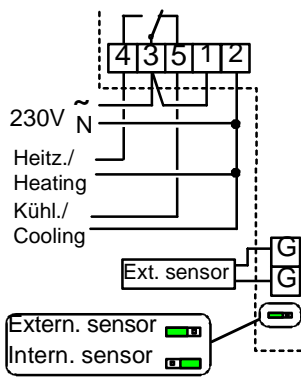
Relay One changeover contact, 230 V AC 16A

Setting

Setpoint 0...30°C

Hysteresis 1K, fixed

Wiring and dimensions



The thermostat can control heating or cooling but not both at the same time.

IMPROVING INDOOR CLIMATE CONTROL WORLDWIDE

ABRegin

Head office Sweden

Phone: +46 31 720 02 00 Web site: www.regin.se
 Fax: +46 31 94 01 46 E-mail: info@regin.se

Regional office Asia Pacific

Phone: +65 6747 82 33 Web site: www.regin.com.sg
 Fax: +65 6747 92 33 E-mail: info@regin.com.sg