SPC TRT Thermostat Datasheet

Product Description

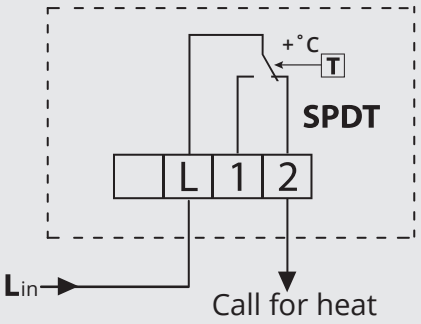
The room temperature is measured using an internal gas filled sensor and then compared with the set point. When the set point is above the room temperature, there is a call for heat and the thermostat switches out on terminal 2. When the set point is below the room temperature, there is no call for heat and the thermostat switches out on terminal 1. Maximum switch rating of 10A at 230V.

CAUTION!

Installation and connection should only be carried out by a qualified person.

- Only qualified electricians or authorised service staff are permitted to open the thermostat.
- If the thermostat is used in a way not specified by the manufacturer, its safety may be impaired.
- Before commencing installation, the thermostat must be first disconnected from the mains.
- If this equipment is installed or used in a way not specified by the manufacturer, its safety may be impaired.

Product Code	CMT
Temperature Range	5 - 35˚C
Contact	SPDT
Lockable Range	Yes
Heat Anticipator	No



24VAC / 230VAC 50Hz

Specifications

Power supply	230V~, 50Hz, ± 10%
Admissible humidity	5-95%RH
Protection class	II (IEC 60536)
Switching differential	± 1˚C
Degree of protection	IP20 (EN 60529)
Pollution degree	2
Ambient temperature	0 - 50˚C
Temperature sensor	Gas filled
Weight (KG)	0.11 approx.

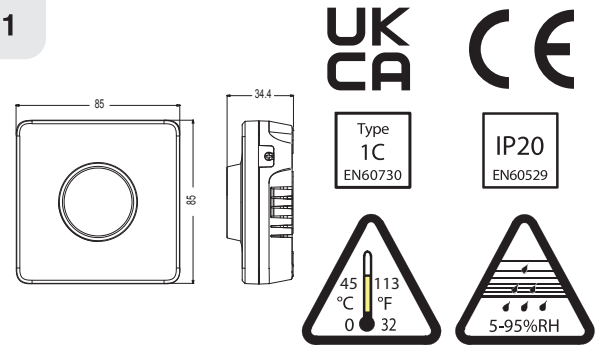
Installation

1. Remove the thermostat from its packaging.

2. Choose a mounting location so that the thermostat can measure the room temperature as accurately as possible.

- Mount the thermostat 1.5 metres above the floor level.
- Prevent direct exposure to sunlight or other heating / cooling sources.

1



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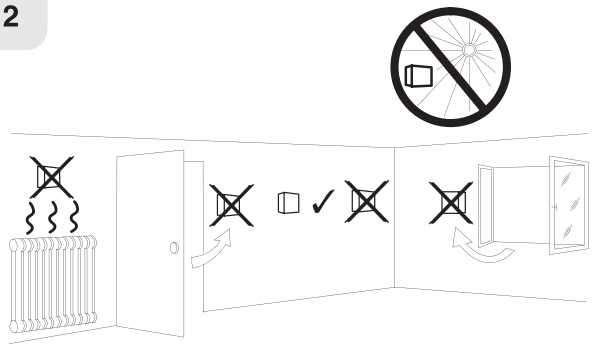
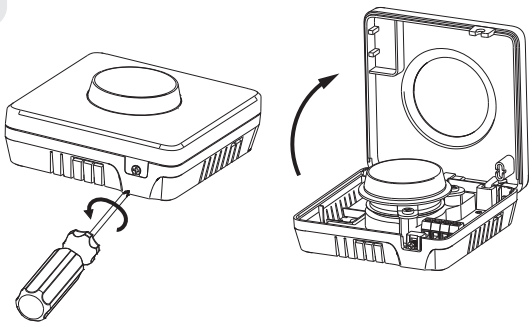


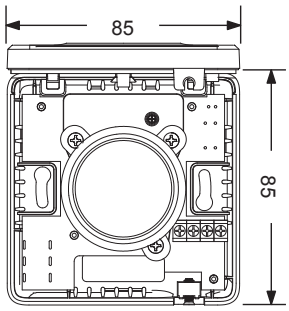
3. Use a philips screwdriver to loosen the screw on the bottom of the thermostat to open the front housing.

3



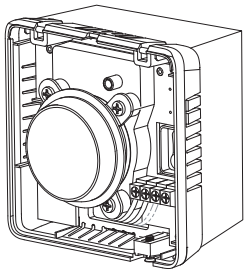
4. Screw the backplate onto a back box or directly to the surface.

4



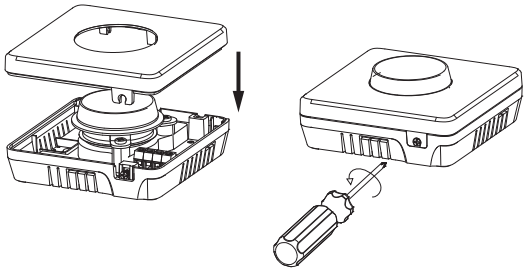
5. Wire the thermostat according to the wiring diagrams on pages 2 & 3.

5



6. Close the front housing and tighten the screw on the bottom of the thermostat.

6



SPC, SPC House, Evington Valley Road, Leicester LE5 5LU
T: 0116 249 0044 **E:** spc@spc-hvac.co.uk **spc-hvac.co.uk**