ECtemp Smart

The ECtemp Smart is an intuitive programmable timer thermostat to be connected to WIFI and ECtemp Smart App controllable from anywhere, at any time. The thermostat is primarily used for controlling electrical floor heating elements. The thermostat is designed for fixed installation only and due to the special designed 2-part construction it fits a wide range of frames and sensors.

The ECtemp Smart is fast and intuitive to setup using the App wizard. It has an open window detector and energy-saving program including an optimum start/end control ensuring the desired temperature at the correct time and thereby reducing the heating costs.

Product specifications

**Benefits**
- WiFi Connectivity
- Remote Controllable via ECtemp Smart App
- A single ECtemp Smart thermostat can be paired with up to 10 mobile devices using ECtemp Smart App
- Can communicate with two mobile devices simultaneously
- With one ECtemp Smart App you are able to control as many locations with as many ECtemp Smart thermostats as you need
- Adaptive PWM function
- Fits many foreign single and multiple frames
- Fits many foreign competitive NTC sensors

**Approvals:**
- EN/IEC 60730-1 (general)
- EN/IEC 60730-2-9 (thermostat)
- EN 300 328 (WIFI)

**Standard compliance**
- EN/EIC 60730-1 (general)
- EN/EIC 60730-2-9 (thermostat)
- EN 300 328 (WIFI)

**Operation voltage** 220 - 240 V~, 50/60 Hz
**Standby power consumption** max. 0.40 W
**Relay:**
- Resistive load: 16 A (368 °C @ 230V)
- Inductive load: 1 A (Cos Φ = 0.3)
**Sensing unit:**
- NTC 15 kΩ @ 25 °C, 3 m (default),
- NTC 6.8 kΩ @ 25 °C, NTC 10 kΩ @ 25 °C,
- NTC 12 kΩ @ 25 °C, NTC 33 kΩ @ 25 °C,
- NTC 47 kΩ @ 25 °C
**Regulation**
- PWM - Pulse Width Modulation
**Ambient temperature** 0 °C to 30 °C
**Frost protection** 5 °C to 9 °C (default 5 °C)
**Floor temperature limit**
- Max. 20 °C to 35 °C (45 °C)
- Min. 10 °C to 35 °C (45 °C)
**Temperature range**
- 5 °C to 35 °C (room)
- 5 °C to 45 °C (floor)
**Storage temperature** -20 °C to 65 °C
**Cable specification max.** 1 x 4 mm²
**Ball pressure test temperature** 75 °C
**Pollution degree** 2 (domestic use)
**Controller type** 1 C
**Software class** A
**Expected Wi-Fi data use** 125 kByte / 24h, 3.9 Mb / month
**IP class** 21
**Protection class** Class II - ECtemp Smart App

Try it!
Download the ECtemp Smart App

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Connection scheme

- Room temperature sensor
- NTC 15 kOhm at 25°C
- Load max. 16 A
- 230 V~
- PE

Color Options:
- Pure White
- Polar White
- Pure Black