

Data Sheet

ECtemp™ Smart

Intelligent Electronic Timer Thermostat with Wi-Fi connectivity and App control

Application



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.



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**

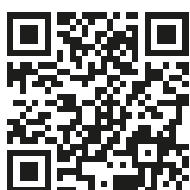


Standard compliance:

- EN/IEC 60730-1 (general)
- EN/IEC 60730-2-9 (thermostat)


Types

Item no.	Product name	Type	EAN no.
088L1140	ECtemp™ Smart - Polar White	RAL 9016	5703466239667
088L1141	ECtemp™ Smart - Pure White	RAL 9010	5703466239674
088L1143	ECtemp™ Smart - Pure Black	RAL 9005	5703466239698



Try it!
Download the ECtemp™ Smart App

Technical specifications

Operation voltage	220 V- 240V~ 50/60 Hz
Standby power consumption	max. 0,40 W
Relay: Resistive load Inductive load	16A / 3680W @ 230V 1A (Cos Φ = 0,3)
Sensing unit	NTC 15 k Ω @ 25°C, 3 m (default) NTC 6,8 k Ω @ 25°C NTC 10 k Ω @ 25°C NTC 12 k Ω @ 25°C NTC 33 k Ω @ 25°C NTC 47 k Ω @ 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 mm ²
Ball pressure test temperature	75°C
Pollution degree	2 (domestic use)
Controller type	1 C
Software class	A
IP class	21
Protection class	Class II - 
Dimensions (H/W/D)	85 mm x 85 mm x 20-24 mm (in-wall depth: 22 mm)
Weight	127 g

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