



## External sensor temperature controlled switch Product specification

<http://www.livolo.com>

### Installation Precautions

1. Never install with power on.
2. Wiring must be performed in accordance with wiring requirements.
3. The load of the switch cannot exceed 16A.
4. The diameter of the wall box inside is not less than 60mm, and the depth is not less than 38mm.

### Product installation instructions:



Open the package then take out product.



Connect wire and tighten the screws.



Use the two screws to fix.



Cover the panel, connect the power.

### Basic functions

External sensor temperature controlled switch: in standby mode, the power indicator is blue, and the temperature display and temperature adjustment buttons are hidden; when the power button is touched to turn on, the power indicator is red, and the temperature + and - adjustment buttons are displayed at the same time; When power on, the current temperature detected by the sensor is displayed; when the temperature adjustment button is touched, it shows the set temperature; each time the

temperature adjustment button is short-pressed, the temperature setting changes by 1 degree; after long pressing for 3 seconds, the temperature setting is set to 2 degrees change per second; the highest temperature is 35 degrees, the lowest is 5 degrees; touch the + - button together for more than 3 seconds to switch the temperature display in Fahrenheit or Celsius; if the temperature adjustment button does not be touched for 5s, it display the detected temperature; When

the detected temperature is lower than the set temperature, the external heating device is turned on; when the power is off and turn on again, the temperature controlled switch returns to the state before the power off.



### Product specifications

No.	Technical index	Requirements
1	Dimension	45.1mm*45.1mm*38mm
2	Temperature accuracy error	≤ 1 degree
3	Voltage	100-240V~ 50/60Hz
4	Load	16A/1 gang
5	Self power consumption	<0.8W
6	Life	>30,000 times

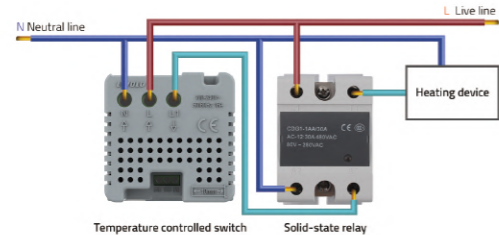
No.	Technical index	Requirements
7	Flame retardant shell	Yes
8	Temperature and humidity	-25 to 70 degree, RH<95%

## Product wiring instructions:

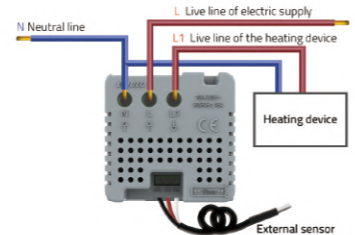
Two kinds of wiring:

1. Use the internal sensor, it need to match the solid-state relay and then connect to the heating device, to ensure the accuracy of temperature detection.
2. Use the external sensor, it can connect to the heating device directly.

The wiring diagram for using the internal sensor :



The wiring diagram for using the external sensor :



## Precautions

When wiring the product, it needs to be connected to the live line, the neutral line, and the live and neutral line of the heating device. Do not connect the wrong line; do not operate with power on when wiring. When an external sensor is connected, it needs to be connected to the corresponding position, do not connect it wrongly.

## Product size description:

