Smarther connected thermostat

<div align="right">

X8000W
**SX8000W**
0 490 37

</div>

Description

The Smarther connected electronic thermostat, together with the dedicated Thermostat App, is a device which allows you to adjust and monitor the temperature in the rooms locally or remotely. The temperature level can be set locally for manual operation and the Boost mode can be activated. The Boost forces the switching on of the system for a limited time (30, 60 or 90 minutes) independent of the measured and programmed temperature. It can also display the temperature and humidity measured.

Thanks to its Wi-Fi connection, all the programming and most of the functions are performed simply and intuitively using the App in the home or remotely.

Smarther can be installed on the wall, using screws and dowels suitable for the installation surface.

Technical data

|	
Power supply	110 – 240 Vac , 50/60Hz
Absorption	2 W max
Maximum cable section	1 x 1.5mm2
Operating temperature	5 – 40 °C
Temperature set-point	5 – 40 °C; increase of 0.5 °C
Type of activation	1BU
Pollution level	2
Rated pulse voltage	4 kV

Wireless device in compliance with 802.11b/g/n standard, frequency 2.4 – 2.4835 GHz, transmission power < 20 dBm.
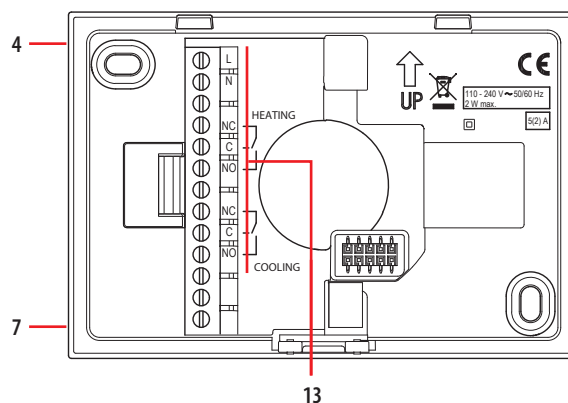WPA/WPA2 safety protocol.

Dimensional data
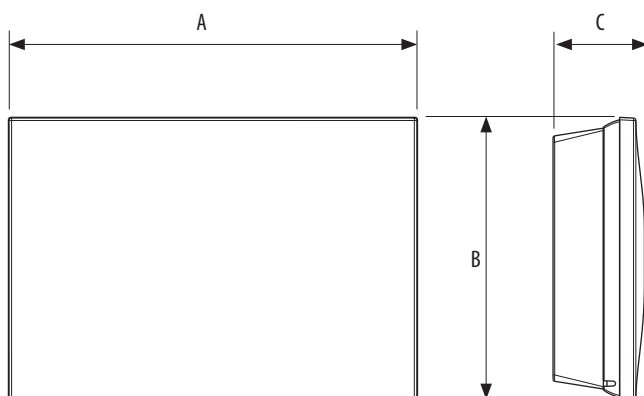
| A	B	C
126 mm	87 mm	28,1 mm

Front view
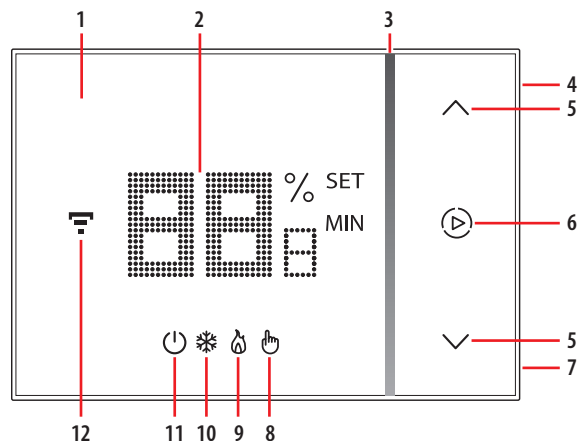
Rear view

Legend

1. Touch screen display
2. Temperature/humidity display
3. "Boost" mode indicator
4. Wi-Fi connection key
5. Keys for temperature setting
6. Boost mode activation
7. Reset key (keep pressed for 10", it restores the factory settings)
8. Manual mode indicator
9. ON heating indicator
10. ON cooling indicator
11. "OFF thermostat" indicator;
    7 °C temperature (antifrost) in heating function;
    35 °C temperature (heat protection) in cooling function.
12. Wi-Fi connection indicator
13. Connection clamps

Installation
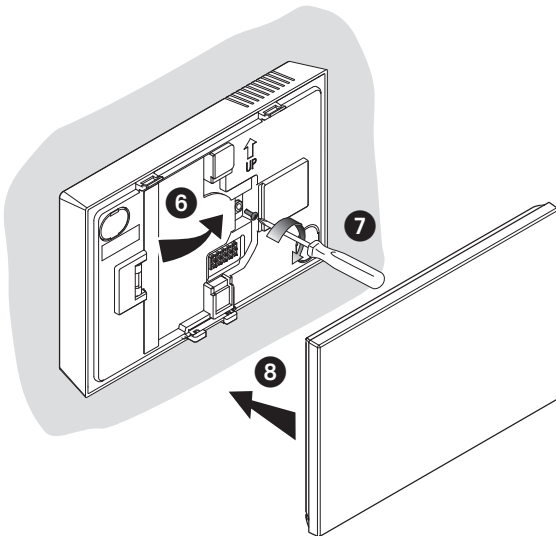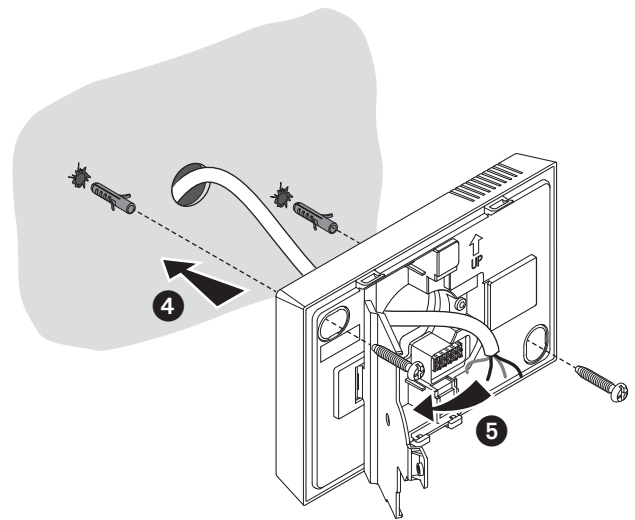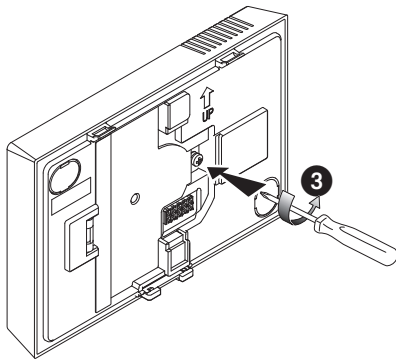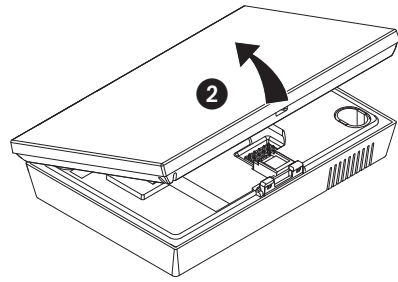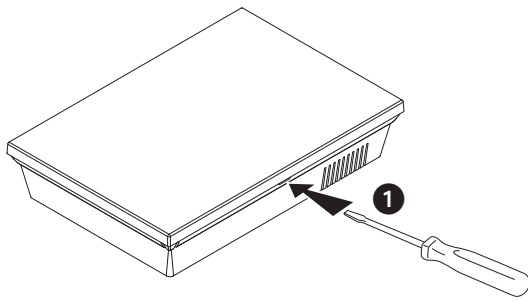
Caution: avoid fastening the base on irregular surfaces and excessive screw tightening, in order to prevent any base distortion that may compromise the correct installation of the device.
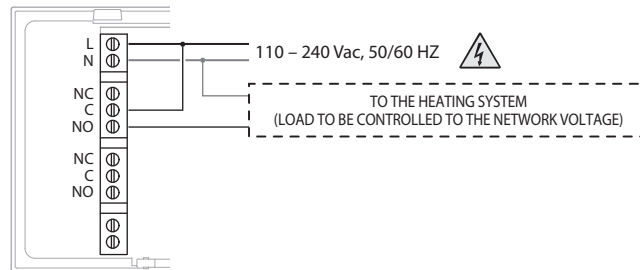The front must be tightly fixed to the base and the fastening clip should lock into place. Once the installation has been done, wait for 2 hours before checking the read temperature.
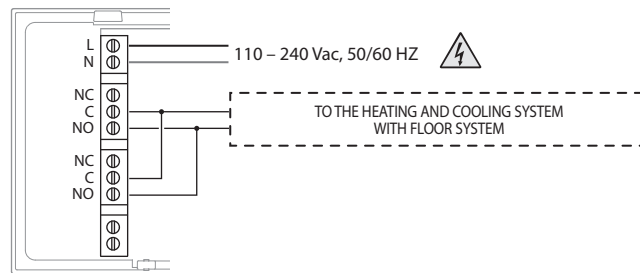
Wiring diagrams

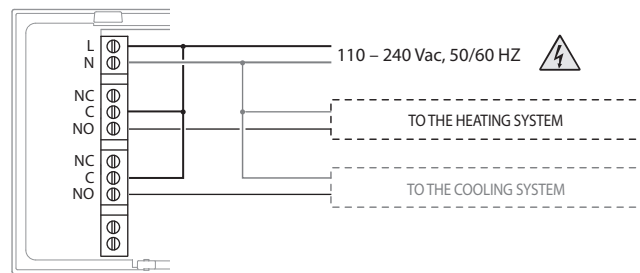**System only for heating with clean contact (e.g. boiler agreement)**
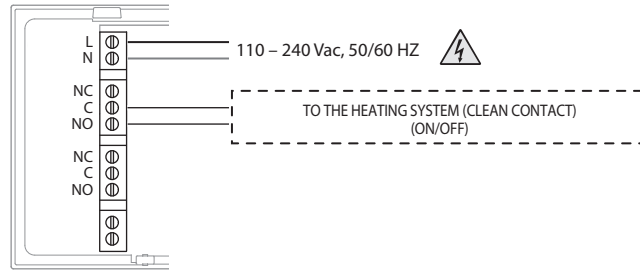
System only for heating with load to be controlled to the network voltage (e.g. 230Vac solenoid valve)

Heating and cooling* with floor system

Heating and cooling* with different systems

Heating system with Fil Pilote radiators
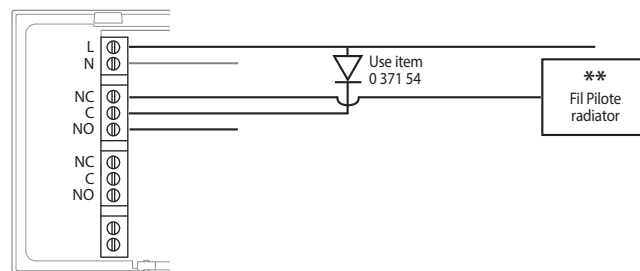
* The cooling function can be activated only via App.
** For the correct operation of Smarther during use with Fil Pilote radiators, the highest COMFORT temperature possible must be set on the radiator. It is however not possible to reach a higher temperature than the COMFORT temperature set on the radiator, irrespective of the Smarter setpoint.

Switch the power supply OFF before any work on the system
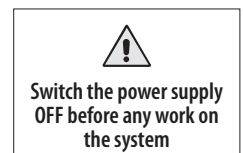
Thermostat App and technical documentation

Scan the QR code or look for "Thermostat" to download the Thermostat App in Apple Store or Google Play

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App Store   Google play   App Store   Google play

Download all the technical documentation about Smarther

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* SPI Flash File System (https://github.com/pellepl/spiffs

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