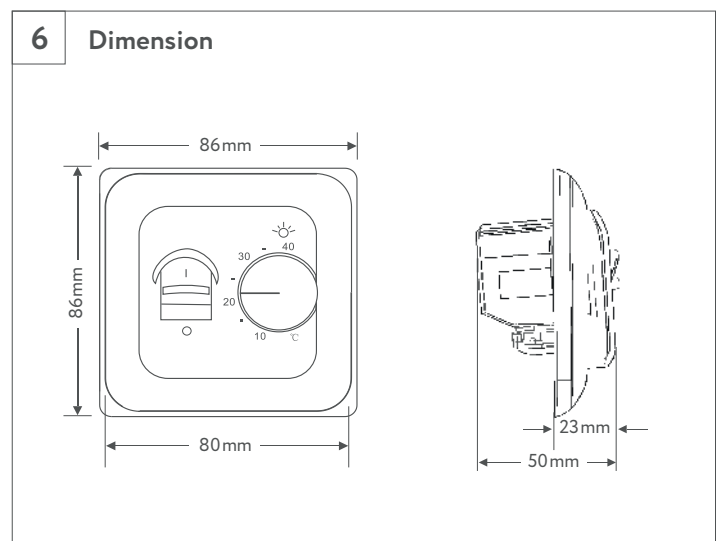
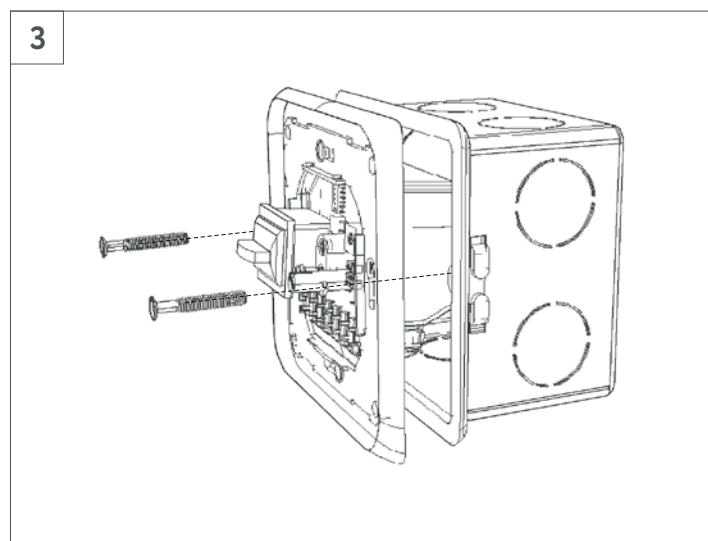
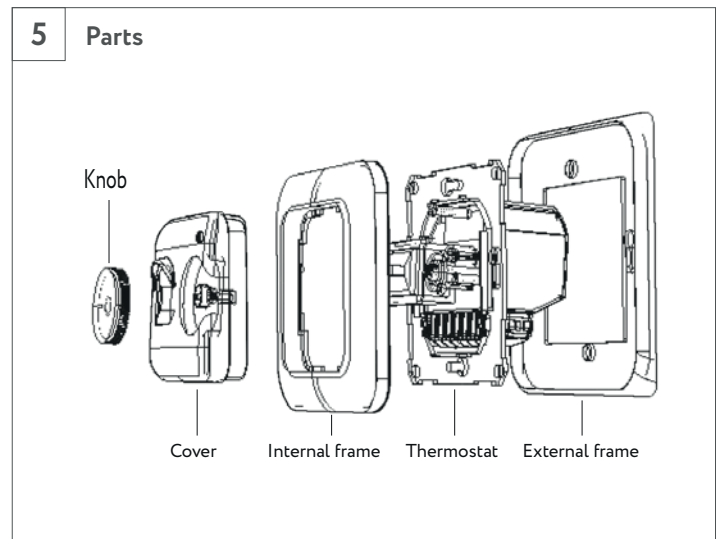
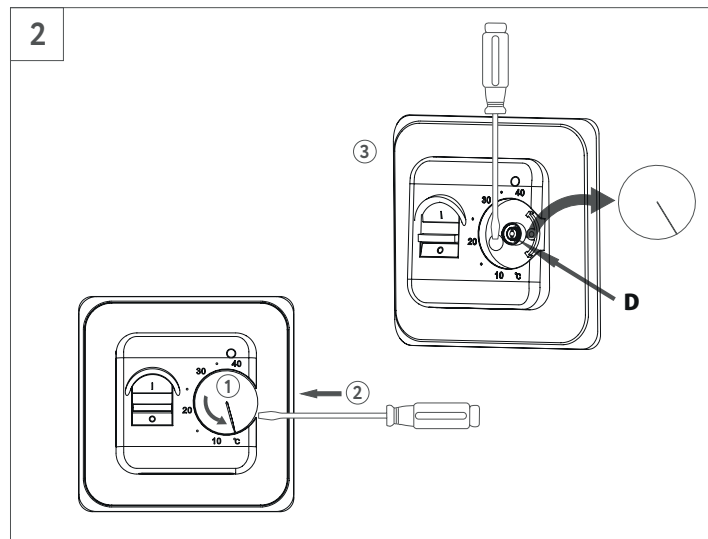
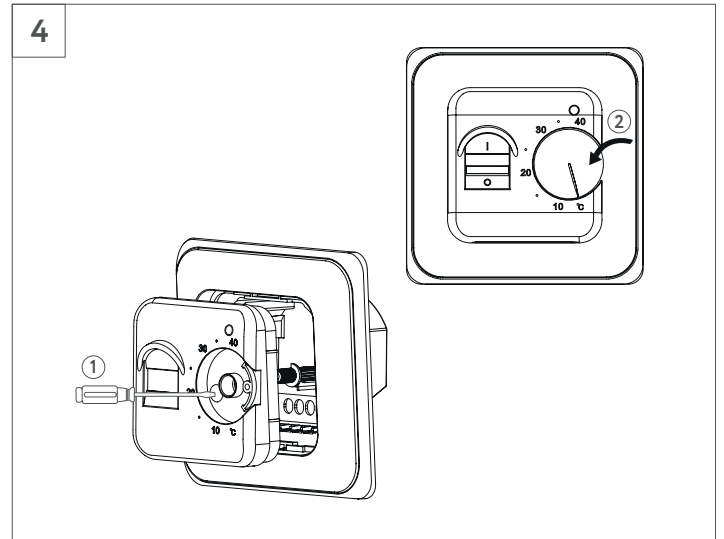
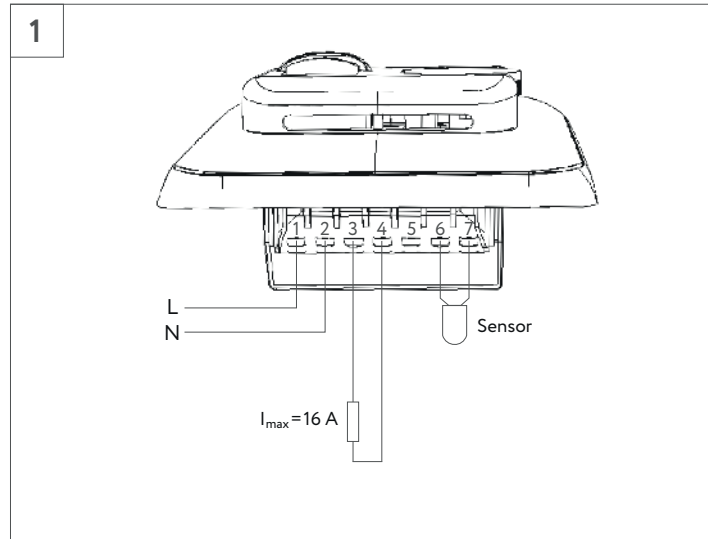


Mounting steps:



Mounting Instructions

This electronic thermostat is designed for installation in a standard wall box. The temperature can be adjusted between +5°C and +40°C. An LED indicates when heating is active. The thermostat is recommended for controlling electric heating systems. Heating is managed via the floor sensor included in the package.

Technical Data

Voltage:	AC230V(AC110V / AC24V available)
Current:	16 A
Power Consumption:	5 W
Temperature Setting Range:	5~40 °C
Switching Differential:	±0.5K
Ambient Temperature:	-5~50 °C
Protection Class:	IP20
Housing Material:	Flame-retardant PC
Floor Sensor:	Thermoplastic rubber NTC (10kΩ) sensor, 3 m cable

Important Information

1. Read these instructions carefully. Ignoring the advices can damage the product or cause a hazardous condition.
 2. Check the ratings given in the instructions and on the product to make sure the product is suitable for your application.
 3. Employ only qualified workers for installation and set to operation.
 4. After installation is complete, check out product operation as provided in these instructions.
- Caution:** Electrical Shock or Equipment Damage Hazard. Can shock individuals or reduce equipment lifetime. Disconnect power supply before manipulation.

Mounting of Floor Sensor

The floor sensor must be installed inside a conduit embedded in the floor. The conduit should be expanded at the end and placed as high as possible in the concrete layer.

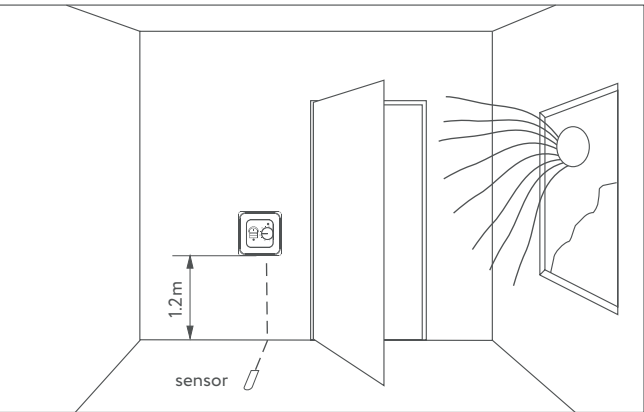
- The sensor cable can be extended up to 50 meters using a separate cable for low-voltage signals.
- **Do not** use conductors from a multi-core cable that powers the heating system. Voltage interference can disrupt thermostat operation.
- If using a shielded cable, the shield should **not** be grounded. Instead, connect it to terminal 7.
- For optimal performance, use a dedicated sensor cable placed in a separate conduit.

Temperature and Resistance Values of Floor Sensor

Temperature (°C)	Resistance (Ω)
5	22 070
10	17 960
20	12 091
30	8 312
40	5 827

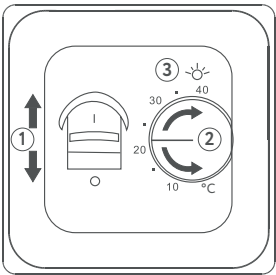
Placement of Thermostat

Install the thermostat on a wall where it has free air circulation. Do **not** place it near heat sources (sunlight, radiators), drafts (windows or doors), or on exterior walls.



Controls

- ① **Power Switch (I/O):**
I – On,
O – Off
- ② **Temperature Setting Knob:**
Range: 5~40 °C
- ③ **Heating Indicator LED:**
Red light = Heating is ON



Temperature Setting

The thermostat's scale ranges from +5°C to +40°C. A red LED lights up when heating is active. Set the thermostat to its maximum setting until the desired room or floor temperature is reached. Then turn the control knob back until the LED turns off. Fine-tune the temperature over the next 1–2 days to suit your preferences.

Thermostat Adjustment

Once the room temperature is stable, you can calibrate the thermostat to match the actual room temperature. To do this:

1. Measure the room temperature using an accurate thermometer.
2. Remove the control knob (1).
3. Rotate the shaft (D).
4. Reattach the knob so the temperature line matches the measured value (see picture 2).

Note: The thermostat is pre-calibrated. Do not rotate the shaft during installation.

Conformity

The thermostat model “TS25 Thermostat Analog” complies with the following directives:

- Low Voltage Directive (LVD) 2014/35/EU
- Electromagnetic Compatibility (EMC) Directive 2014/30/EU
- EU RoHS 2 Directive 2011/65/EU

https://warm-on.com/media/DoC_ts25.pdf

Disposal

In accordance with WEEE Directive 2012/19/EU:

- Do not dispose of defective electrical devices in household waste.
 - Use designated recycling centers. Contact your local municipality or district authority for proper disposal options.
 - Proper disposal ensures environmental protection and avoids the release of hazardous substances.
- Important:**
Never release toxic liquids or gases into the atmosphere.

Warranty

The manufacturer guarantees conformity with the product design description and adherence to the installation and operation manual. **Warranty Period:** 2 years from the purchase date. In case of defects due to manufacturing faults during the warranty period, the customer is entitled to free rectification. Exclusions:

- Improper handling or installation
- Tampering by third parties
- Failure to follow the instructions
- Consequential damages

Please retain your proof of purchase. Warranty claims require this document. Installation should be carried out by a qualified specialist. Electrical connection and wiring must be performed by a certified electrician. The installation manual and wiring diagram do not replace professional training. Damage from incorrect use or mechanical impact is not covered.