

CHARACTERISTICS

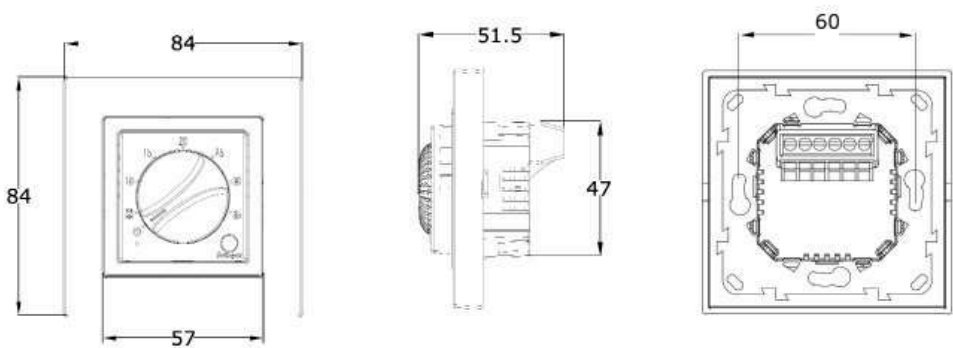
Termofol H3 thermostat is a high quality thermostat with a manual dial a minimalist design. Precise floor temperature control, maximum load 3600W/16A. The biggest feature is the many frames with an internal size of 56x56mm, such as the Schneider Exactt.

WARNINGS

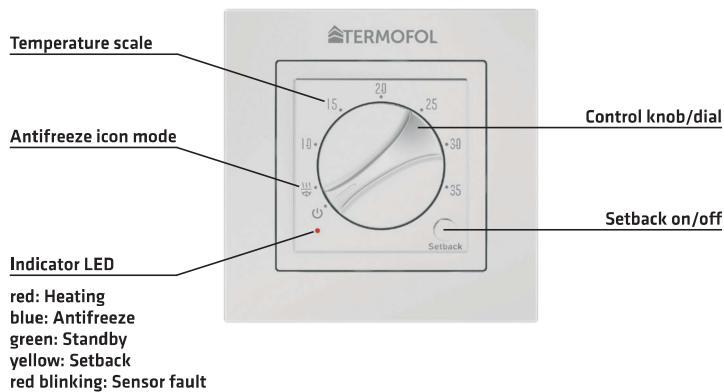
To avoid risk of electric shock, disconnect all power coming to heater at main service panel before installing the thermostat. Keep thermostat air vents clean and free from obstructions. All wiring must conform to local and national electrical codes and ordinances.Installation must be carried out by qualified personnel.

SPECIFICATION

Power supply: 120~240 VAC 50/60 Hz
Sensor: NTC B3950 10K
Current: 16A
Temp. tolerance adjustment: ±1 °C
Temperature range: 5 ~ 35 °C
Total dimensions: 84x84 mm
Dimensions without frame: 57x57 mm
Degree of protection: IP31



OPERATION KEY & SYMBOL



INSTALLATION

Step 1. Use a flat-blade screwdriver to separate the frame and adapter from the thermostat as shown in the figure.



Step 2. Connect the corresponding circuit as shown in the figure.

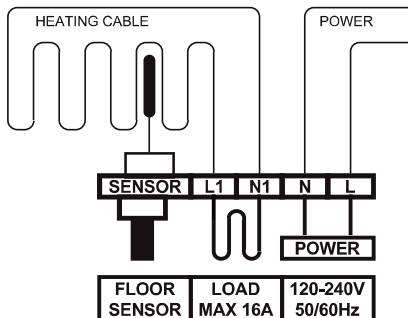
Step 3. Use the mounting screws to fix the thermostat in the mounting box



Step 4. Install the frame and adapter into the thermostat.We offer a standard 56*56 square inner frame and an appropriate middle frame.

WIRING

L/N: Connect for power cable.
L1/N1: Connect for heating cable.
Sensor: Connect for floor sensor.
Suggestion: Please keep the max load around 90% of 16A to prolong the lifetime.



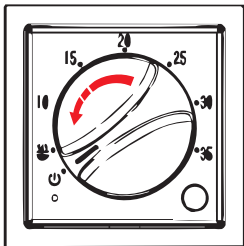
FUNCTION AND OPERATION

01 On/off

This thermostat can be switched on and off.

Setting method:

Turn the dial/knob to the far left, when you hear a „klik” sound, and the indicator light is off, it means that the power is off.



02 Set the temperature

After the user sets the temperature, the thermostat keeps the floor temperature at the set temperature. After power off, power on again, the original set temperature will be retained and executed. Setting range of this thermostat: 5-35°C.When the indicator is red, it means that the thermostat is heating up.

03 Antifreezing function

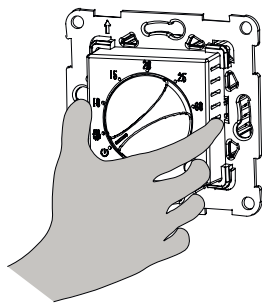
When the dial/knob is set at the switch and the snowflake identifier, the blue indicator lights up, which means that the set temperature is at the anti-freeze protection temperature, and the floor heating will maintain a low temperature working state.

04 Mechanical adjustable temperature limit function

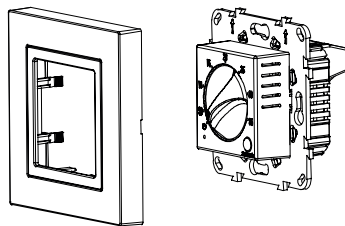
If you want to set the maximum and minimum temperature within an ideal range, you can manually adjust the installation position of the limit pin.

The method is as follows:

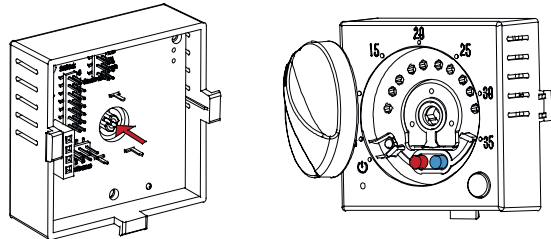
Step 1. Remove center frame



Step 2. The front cover can be easily removed by squeezing both sides of the front cover with your fingers to release the buttons.

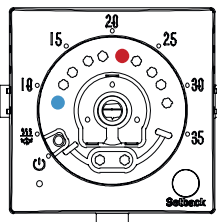


Step 3. Push the knob cover out from the back.



Note:

When the knob is pushed out, it is necessary to pay attention to the direction of the knob pointer, so that the position is correct when it is reinstalled.

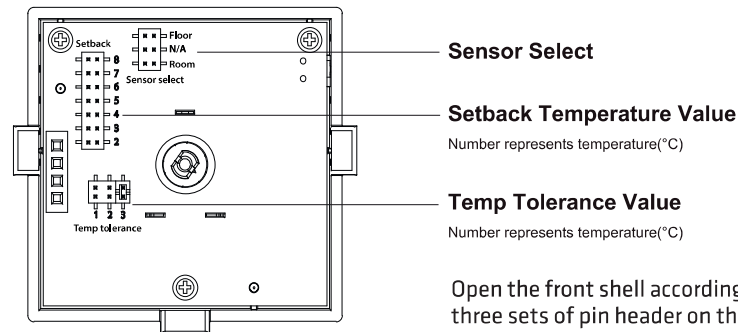


Step 4. Place the red and blue pins in the holes of the array in the figure to set the temperature range you want. For example, place the knob pointer in the range of the red and blue pins in the figure, which means that the adjustable temperature is 10-20°C.

Step 5. After the knob is installed, install it as a whole on the back cover, taking care to insert it into the proper installation first.

05 Temperature tolerance

The value is 1°C. The thermostat start to work when the actual temp is 1°C lower than set temp and stop to work when the actual temp is 1°C higher than set temp. The default value is 2°C.

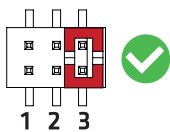


Setting method:

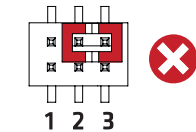
This product adopts a mechanical setting method for Temperature tolerance.

Open the front shell according to step 2 above.We can see three sets of pin header on the back. You can set parameters by short stitch the row pins. See the following figure for the short stitch method

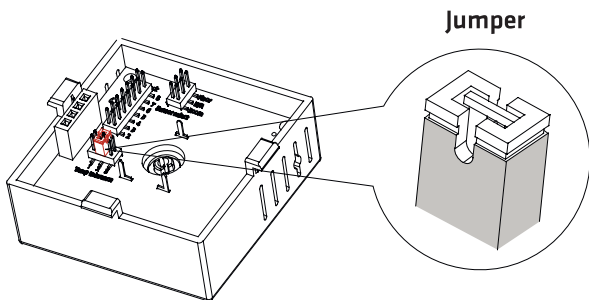
Remove the short coupling cap and insert it into the pin of the corresponding number, that is, set the corresponding temperature value.



Temp tolerance



Temp tolerance



Jumper

06 Setback

The automatic setback feature allows the thermostat to „set down” the temperature to a lower level (by 6°C by default) during off periods. This is the most economical and efficient way to achieve optimum energy use.

Setting method:

You can set a setback value in the range of 2-8°C. Simply insert the short coupling cap into the pin of the corresponding value.

Setback

