

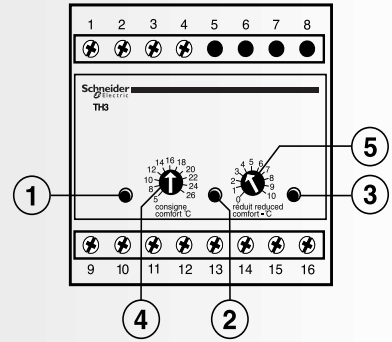
TH3 - Electronic thermostat with 3 threshold settings



Discover

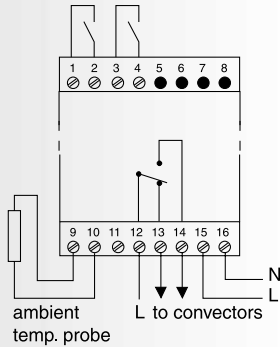
■ The thermostat controls and regulates ambient temperature according to "comfort" (adjustable), "reduced" (adjustable) and "above freezing" (fixed) settings.

- ① "Above freezing" indicator green = above freezing (5 °C)
- ② Output status indicator red = heating
- ③ "reduced" indicator orange = reduced
- ④ Adjustment of required ambient temperature (comfort)
- ⑤ Adjustment of the difference required between "comfort" and "reduced"

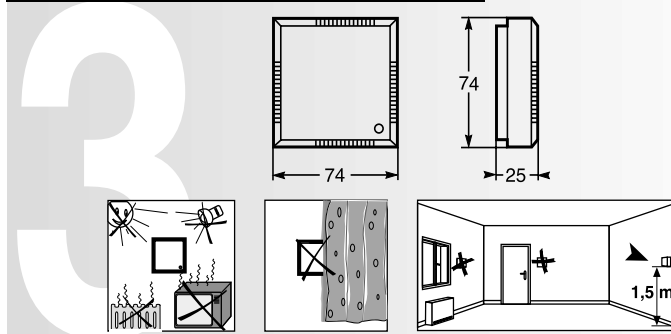


Discover

Possible override of "above freezing" (1-2) and "reduced" (3-4) operation using switches.

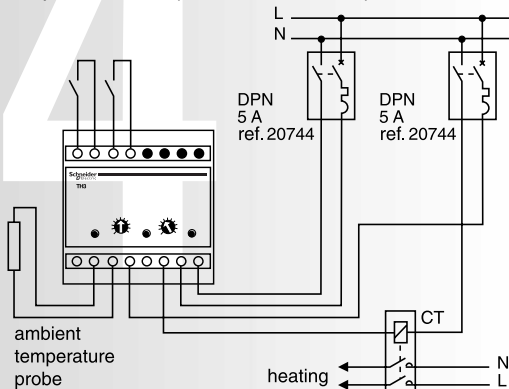


Install the probe (ref. 15846)



Connect

- For the probe (terminals 9 and 10), use telephone cable 6/10^e; max L: 70 m
- Do not run the control cables and probe cables with the power cables (risk of disturbances).



Test your product

- Resistor n° 16 (930 ohms), on the back of the thermostat, allows you to simulate an ambient temperature of 16 °C.
- Wire the resistor at the temperature probe.
- Adjust the setpoint 26 °C and the "reduced" setting to 0 °C.
- Verify that the "above freezing" and setpoint inputs are open (indicator lights ① and ③ off).
- Red indicator light ② is on.
- Adjust the setpoint to 10 °C, the red indicator light ② comes off.
- Remove the resistor and connect the probe wires.

Trouble shooting

Problem	Possible causes	Solutions
The heating is not working	The thermostat is not powered.	Check that the TH3 is correctly supplied.
	The temperature is not being measured correctly.	Verify that the probe is connected to terminals 9 and 10. Ensure there is no additional resistance in the probe wiring, and that no other probe is connected in parallel with it.
	The output to the heating system is not properly connected.	If the heating system is connected to NC terminals, change over to NO terminals; if connected to NO, change over to NC.
The temperature does not correspond to the one chosen	The setting is incorrect.	Adjust the difference in temperature.
Nuisance switchings	Disturbances.	Distance the control cables from the power cables.

Specifications

- Supply voltage: 220/240 V_~
- Frequency: 45/60 Hz
- Output change-over switch
- 5 A/250 V_~ cos φ = 1
- 1 A/250 V_~ cos φ = 0,6
- Consumption < 2 VA
- Connections: 2 x 2.5 tunnel terminals
- IP 201
- Temperature difference (difference in temperature between switch-on and switch-off): ± 0.2 degrees
- Operating temperature: 0... +50 °C
- Storage temperature: -10... +60 °C
- Weight: 340 g