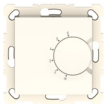
theben

EN Room thermostat

RAMSES 701 S
7010003
RAMSES 703 S
7030003
RAMSES 706 S
7060003
RAMSES 708 S
7080003
RAMSES 741 S
7410300
RAMSES 746 S
7460300
RAMSES 748 S
7480300
RAMSES 741 S BK
7410301
RAMSES 746 S BK
7460301
RAMSES 748 S BK
7480301
RAMSES 741 S GL
7410302


7010003


7410300


7410301


7480301

1. General information

- Room thermostat for wall mounting or mounting on a flush-mounted box
- The room thermostat complies with EN 60730-2-9 when installed as intended
- The RAMSES S series consists of 11 devices: 4 devices for surface mounting (7010003, 7030003, 7060003, 7080003) and 7 devices for flush mounting (7410300/7410301/7410302, 7460300/7460301, 7480300/7480301)
- External input to connect an external temperature sensor, floor sensor, etc. (NTC 100 kOhm/25 degrees) (only for 7080003, 7480300/7480301)
- **Optional accessories**:
  Floor sensor (9070321), RAMSES temperature sensor (9070459) and ext. temperature sensor (9070191, 9070496); matching cover frames for various switch programmes (can be ordered optionally)

2. Safety

Assembly and installation should only be carried out by a qualified electrician, somebody who has completed appropriate professional training and has the knowledge and experience necessary to be able to recognise and avoid the potential dangers posed by electricity.

Before installation/disassembly, disconnect the mains voltage and ensure that the parts are no longer live.

Prior to commissioning and using the product, read and observe all the operating instructions.

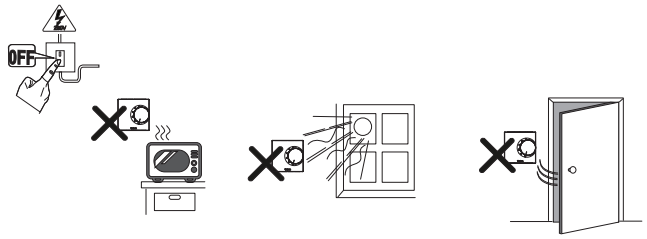
3. Proper use

- All types of heating can be regulated and controlled with one room thermostat: gas, water, electric heating, air conditioning and cooling systems, etc., in detached houses, offices, etc.
- Only use devices in dry indoor rooms

4. Installation

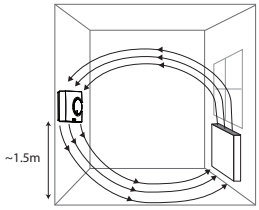
The following must be observed for ideal temperature control:

⚠ Protect the room thermostat from moisture, dust, direct sunlight, heat radiation and draughts.



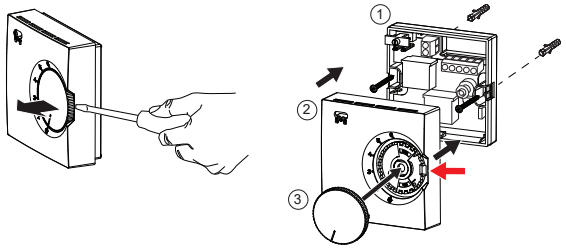
Installing the room thermostat

You can either mount the room thermostat on the wall or on a flush-mounted box.



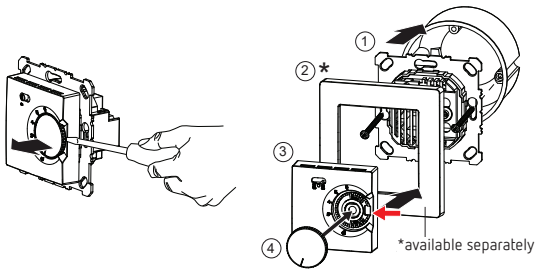
➤ Place the room thermostat on an interior wall, approximately at eye level (approx. 1.50-1.60 m).

Surface mounting (7010003–7080003)



➤ Remove the adjusting wheel with a screwdriver.
➤ Then release the snap-in connection with a screwdriver from right to left and remove the upper part of the housing ②.
➤ Attach the back of the device to the wall (or to a flush-mounted box) ①.
➤ Assign and wire the wires (see connection diagrams).
➤ Fit the front of the device, snap into place and fit the adjusting wheel ③.

Flush mounting (7410300/7410301–7480300/7480301)

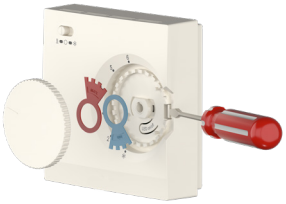


➤ Remove the adjusting wheel with a screwdriver.
➤ Then release the snap-in connection with a screwdriver from right to left and remove the upper part of the housing.
➤ Assign and wire the wires (see connection diagrams).
➤ Attach the back of the device/metal frame to the flush-mounted box ①.

ⓘ **Observe the installation direction**!

➤ Fit the frame ② and upper part of the housing, ③ snap into place and fit the adjusting wheel ④.

Dismantling (e.g. 7080003)



➤ Disconnect the voltage.
➤ Remove the adjusting wheel.
➤ Release the snap-in connection with a screwdriver.
➤ Disconnect the wiring.
➤ Remove the lower part of the housing from the wall or flush-mounted box.

5. Room thermostats and functions

Observe the following when using and connecting the room thermostats:

⚠ Protect the appliance with an upstream type B or C circuit breaker (EN 60898-1) of max. 10 A.

⚠ Disconnect the boiler from mains supply before connecting the thermostat.

⚠ In order to eliminate the possibility of EMC interference, always lay the mains supply feed separate from the external input (if one is being used).

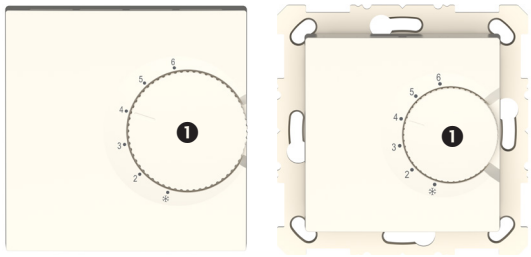
⚠ Faulty connections will damage the device.

Setting the target temperature

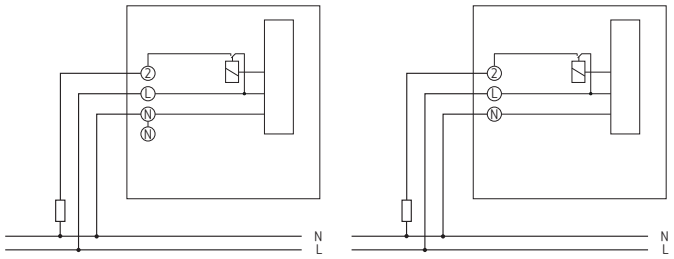
You can set the temperature using the adjusting wheel from ❄ -6 (from approx. 5 °C to 30 °C).
The symbol ❄ means 5 °C (frost protection).

➤ Set the adjusting wheel to the desired level or to ❄.

7010003, 7410300/7410301/7410302



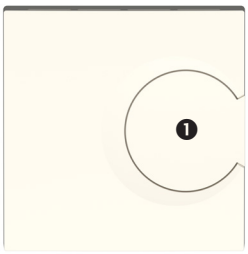
❶ —— Adjusting wheel with settings from ❄ -6 (approx. 5-30 °C)



7010003 | 7410300/7410301/7410302

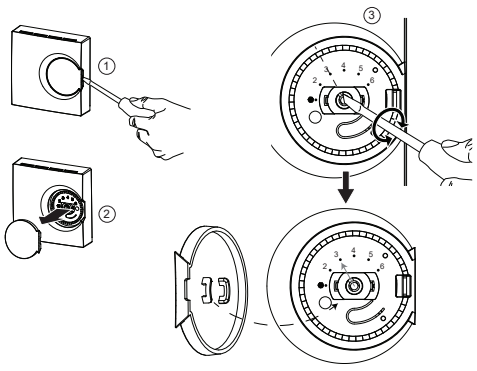
- Surface-mounted/flush-mounted version
- with thermal feedback
- Temperature control via adjusting wheel
- Suitable for all types of heating

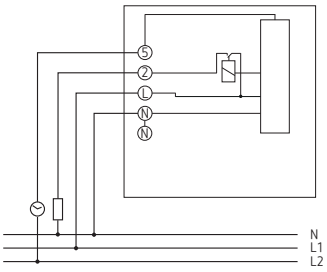
7030003



❶ —— Temperature control with potentiometer inside, with settings of ❄ -6 (approx. 5-30 °C)

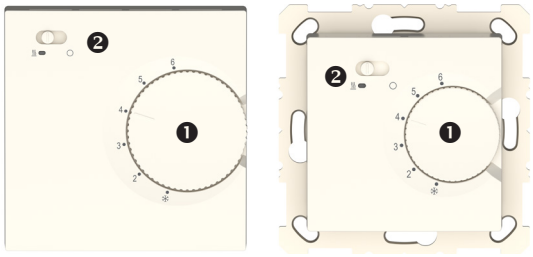
➤ Remove the adjusting wheel and set to the desired level or to ❄ (see illustration).





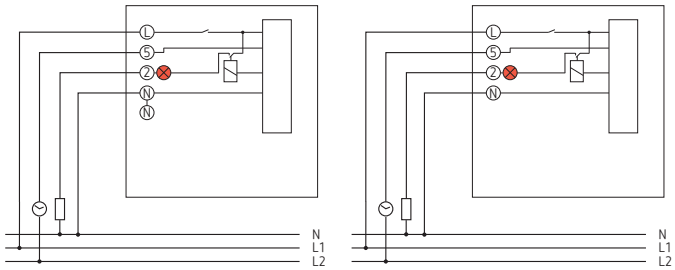
- Surface-mounted version
- with thermal feedback
- Temperature control, not adjustable from the outside; setting is carried out during commissioning with potentiometer inside
- Temperature reduction by 3.5 K with external timer (e.g. time switch)
- Suitable for all types of heating

7060003, 7460300/7460301



❶ —— Adjusting wheel with settings from ❄ -6 (approx. 5-30 °C)

❷ —— Switch for heating on/off with red indicator light



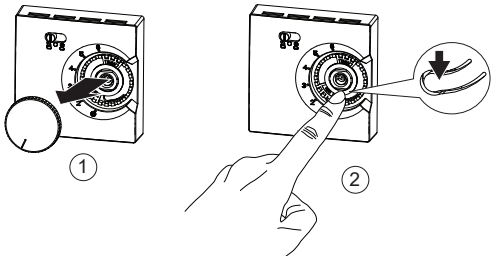
7060003

7460300/7460301

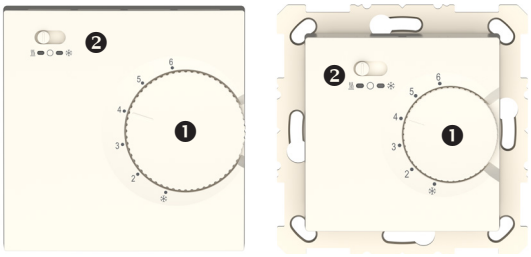
- Surface-mounted/flush-mounted version
- with thermal feedback
- Temperature control via adjusting wheel
- Temperature reduction by 3.5 K with external timer (e.g. time switch)
- On/off switch for activating/deactivating the heating control
- The red indicator light shows the operating status, whether heating is active or not
- Suitable for all types of heating

ⓘ The indicator lamp can be switched on/off under the adjusting wheel (7060003, 7080003, 7460300/7460301, 7480300/7480301, see illustration);

LED on/off/dimming

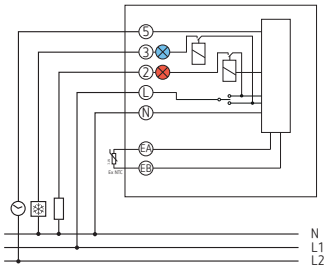


7080003, 7480300/7480301



❶ —— Adjusting wheel with settings from ❄ -6 (approx. 5-30 °C)

❷ —— Switch for heating/off/cooling with red and blue indicator light



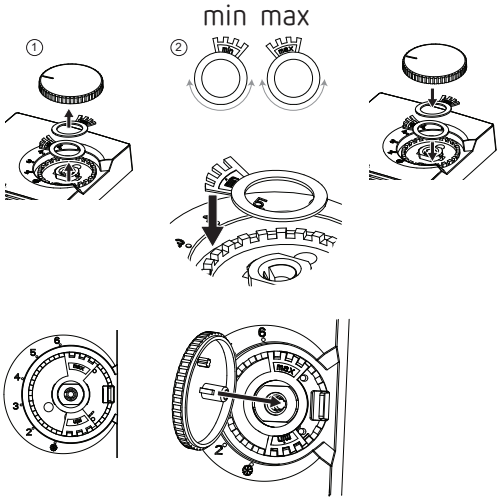
- Surface-mounted/flush-mounted version
- with thermal feedback
- Temperature control via adjusting wheel
- Temperature reduction by 3.5 K in heating mode, temperature increase by 3.5 K in cooling mode with external timer (e.g. time switch)
- Heating mode, cooling mode or permanently off
- Red indicator light for heating, blue indicator light for cooling

ⓘ The indicator lamps can be switched on/off under the adjusting wheel (see illustration above); **LED on/off/dimming**

- Connection of external sensor possible (100 kOhm)
- Suitable for all types of heating

Limiting the temperature range

➤ Move the temperature limiters (rings for the min. and max. adjustable temperature) to the desired position to limit the temperature range. The highest value is set with the "max." ring (e.g. set to 5; value 6 cannot be reached, it serves as protection against overheating). The lowest value is set with the "min." ring (e.g. set to 3; the first two values cannot be reached, they serve as frost protection).



6. Technical data

Operating voltage	230 V AC, 50–60 Hz
Standby power	0.2 W
switching capacity	10 A (at 230 V AC, cos φ = 1), 4 A (at 230 V AC, cos φ = 0.6) 7080003, 7480300/7480301: 10 A (at 230 V AC, cos φ = 1), 5 A (at 230 V AC, cos φ = 0.6)
Type of contact	µ contact
Mode of operation	Type 1 B
Operating temperature	−5 °C ... + 40 °C
Temperature setting range	+ 5 °C ... + 30 °C
Torque	70 cNm
reduced temperature	3.5 K
Protection rating	IP 40 in accordance with EN 60529
Protection class	II subject to designated installation
control accuracy	1.4 K
Degree of contamination	2
Rated impulse voltage	4 kV
Software class	A

Cleaning and service

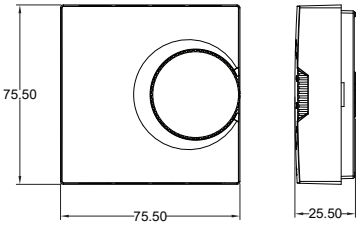
➤ Only use a dry, soft cloth to clean the device surface.
➤ Do not use any cleaning agents or solvents.

Disposal

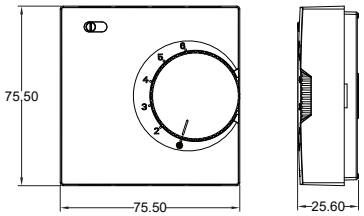
Dispose of the device separately from domestic waste at an official collection point.

7. Dimensions diagrams

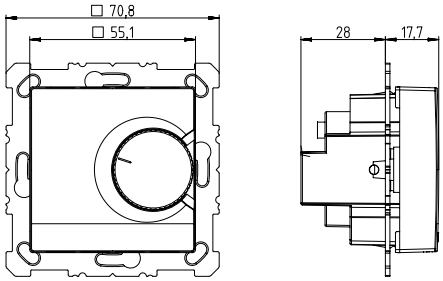
7010003, 7030003



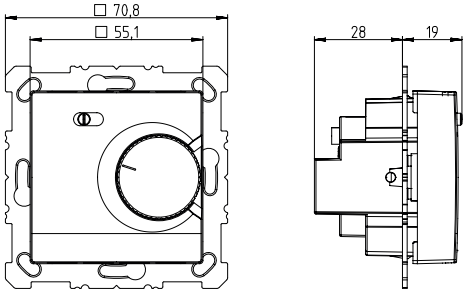
7060003, 7080003



7410300/7410301/7410302



7460300/7460301, 7480300/7480301



8. Contact

Theben AG
Hohenbergstr. 32
72401 Haigerloch, Germany
GERMANY
Phone +49 7474 692-0
Fax +49 7474 692-150

Technical Support
Phone +49 7474 692-369
techsupport@theben.de
www.theben.de

309921 01
03.07.2026