

S-Control Thermostat

**Thank you for purchasing our S-Control
Thermostat.**

Art.Nr.: 1095



Features:

- Easy to program / operate
- Internal and external temperature sensor
- •Incl. floor sensor
- Compatible with numerous switch series (Gira, Jung, Elko, Merten, Busch Jager etc.)
- Interval / cycle switch 0-30 minutes

Specifications:

- Installation type: flush-mounted
- Operating voltage: 230V / AC
- switching capacity: 3600W / 16A (resistive load)
- Power consumption: 0.5W
- Degree of protection: IP 21 (sensor IP44)
- Interval / cycle switch: 0-30 min
- Operating temperature: 0 - 50 ° C
- Color: white (RAL 9010)
- Temperature setting: 5-40 ° C
- Hysteresis: 0.5 ° C.
- External sensor: 10kOhm (at 25 ° C), 3m cable length
- Control mode: on / off
- Display / lighting: no / no
- Size (WxHxD): 84x84x50mm (depth in the wall: 27mm)

Important information before commissioning:

- Please read the complete instructions before starting to install the thermostat.
- The thermostat must be installed by a qualified person.
- Only use the thermostat as described in this manual.
- Always disconnect the power supply during installation work.

Safety notes:

When handling products which are supplied with electrical voltage, the applicable VDE regulations must be observed, in particular VDE 0100, VDE 0550/0551, VDE 0700, VDE 0711 and VDE 0860.

- Before opening the device, make sure that it is de-energized.
- Tools may only be used on the device if it has been ensured that it is disconnected from the supply voltage and that any residual electrical charges stored in components have been discharged beforehand.
- Live cables or lines to which the device is connected must always be checked for insulation faults or breakages.
- If a fault is detected in the supply line, the device must be taken out of operation immediately until the defective line has been replaced.

If these instructions is not clearly state for non-commercial end users in regard to, which electrical characteristic values apply to the device, how external wiring is to be carried out, or which external components or accessories may be connected and what connected loads these external components may have, a specialist must always be requested for information. Before commissioning the device, check whether it is suitable for the planned application!

In case of doubt, it is absolutely necessary to consult experts or the manufacturers of the modules used! Please note that operating and connection errors are beyond our control. We assume no liability for any damage resulting therefrom.

Bi-LED diode



1. On/Off
2. Temperature Dial
3. Status LED:

Standby = green light
switched on = red light
Error of temperature sensor or external
sensor not connected = flashes red

Setting:

If the thermostat is already connected to the power supply, first press the on / off button to switch off the thermostat. Never disassemble the thermostat when the power is on.

Remove the adjustment wheel with a screwdriver. The front cover can be removed by pushing in the locking clips on each side of the thermostat (as shown in fig.2). Be careful when doing this in order not to damage the thermostat. When the thermostat has been connected to the power source, push the on/off button. Never dismantle the thermostat when the power is switched on.

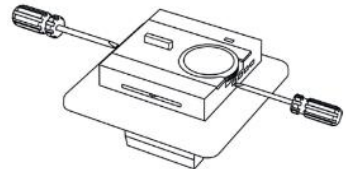


Fig.2

Floorsensor (Standard)



Jumper placement: Covering the two pins on the left.

Application: The temperature is regulated by the floor sensor.

Room sensor



Jumper placement: Covering the two pins in the right

Application: The temperature is regulated by the room sensor.

Room sensor with limiter

Jumper placement: Covering the two pins on the right + the floor sensor connected



Application: The temperature is regulated by the room sensor, but the floor sensor overrides the room sensor if the floor temperature exceeds the maximum limit temperature. The limiter can be regulated between 20°C and 30°C. For parquet flooring, a maximum of 27°C is recommended by most flooring manufacturers. Please follow the recommendations provided by your manufacturer.

Power regulator

Jumper placement: Covering the two center pins

Application: The effect regulator has a 30 min cycle. The desired on/off interval can be set from 0 to 10, where each level increases the on-time by 3 minutes.

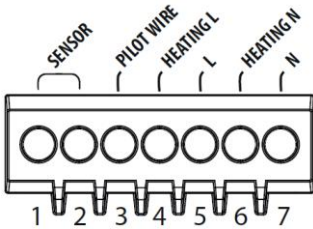


Example: When the thermostat is set to level 3, the heating element is switched on for 9 minutes, then off for 21 minutes in the 30 minute cycle. If the thermostat is set to level 6, the heating element is switched on for 18 minutes, then off for 12 minutes.

Connecting the thermostat

The thermostat must be connected to the power source according to the connection diagram. All heating systems must be equipped with a residual current disrupter with 30mA. Max load for the thermostat is 16A/3600W at 230V. If the load is higher, the thermostat must be connected to a contactor. The thermostat does not have galvanic insulation between high and low current. The sensor must therefore be considered as live (230V) and needs to be installed in accordance with the rules for high current installations and national installation requirements.

Caution: When reattaching the thermostat cover, make sure the ventilation on the top and bottom of the thermostat is not covered up.



- 1 & 2 Sensor – Floor Sensor
- 3 Pilot wire (connected to L for setback temperature)
- 4 L- output terminal for connecting the electronic items
- 5 L- input terminal for 230V supply voltage of thermostat
- 6 N- output terminal for connecting the electronic items
- 7 N- input terminal for 230V supply voltage of thermostat

Setback Temperature

The Multireg thermostat does not have a built-in setback temperature option, but by connecting an external timer to the S and L clamps, the temperature can be lowered by 3°C at desired times.

Calibrating the temperature

When connecting the floor heating system for the first time, the temperature should be set at a maximum of 15°C to 20°C. The thermostat should be calibrated after 2-3 days. Pull out the adjustment wheel carefully (without turning it) until it comes loose. Use a thermometer to check the actual temperature, and push the adjustment wheel back onto the thermometer in accordance with the measured temperature. If the floor heating has been switched off during the summer,

Disposal notes



Do not dispose of this device in household waste! Electronic devices must be disposed of at the local collection points for electronic waste in accordance with the Waste Electrical and Electronic Equipment Directive.

Note on conformity



The CE mark is a free trade mark that is exclusively addressed to the authorities and does not contain any assurance of properties.

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