

Room thermostat, flush mounting

Heating only / Cooling only, follower, 230 V



The room thermostat is used to control the temperature of surface heating and cooling systems as well as heating and cooling ceilings in detached houses or dwellings. The room temperature is controlled via a valve, which is controlled by the room thermostat via an electrothermal actuator. When the room temperature reaches the setpoint temperature, the valve is closed.

The room thermostat can be used in combination with electrothermal actuators (e.g. Aktor T 2P). Alternatively, connection to a connecting block (e.g. FloorCon F) is possible.

Features

- Versatile flush-mounted room thermostat
- Time-controlled temperature setback possible

Product details

Room thermostat Heating only / Cooling only

The flush-mounted room thermostat offers the possibility of adjusting the setpoint or activating frost protection by means of the rotary wheel. The setpoint range can be limited by concealed limiting elements. The room thermostat can be connected as a follower room thermostat. If the setback mode is activated on connection block with integrated time switch, the flush-mounted room thermostat lowers the temperature by approx. 4 Kelvin.

When the room thermostat is used in a heating application, an electrothermal actuator "normally closed" is used. If the room thermostat is used in a cooling application, an electrothermal actuator "normally open" is used.

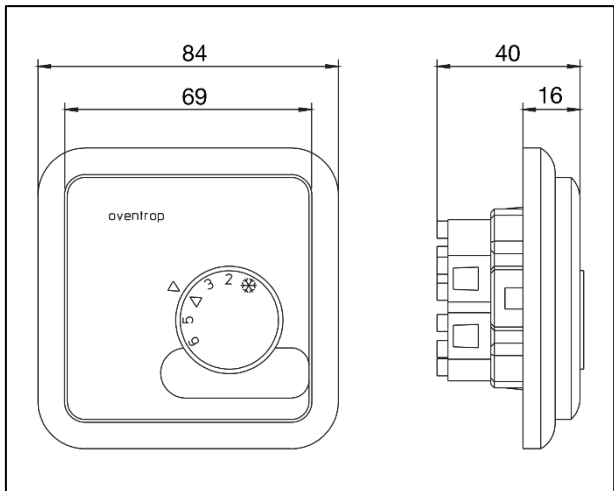
Temperature range	5...30 °C
Temperature setback	Approx. 4 K (via external time switch)
Operating voltage	10 mA...10 (4) A (max. 12 electrothermal actuators)
Switching current	230 V AC, 50 – 60 Hz
Contact type	NC contact
Protection type	IP 30
Switching temperature difference	Approx. 0.5 K
Colour	RAL 9010 (pure white)
Mounting	In a flush-mounted box Ø 60 (according to DIN 49073)

Functions

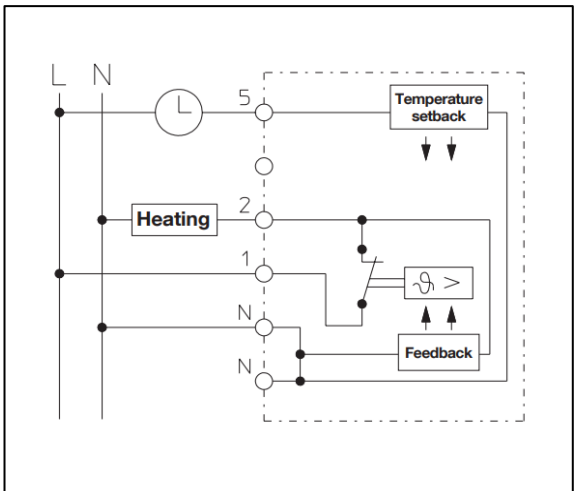
- Rotary wheel for adjusting the setpoint temperature
- Frost protection can be activated via rotary wheel
- Setback mode is activated when connection block with integrated time switch sets back (time-controlled setback mode possible)
- Setpoint range can be limited

Technical data

Item no.	Inputs	Outputs	Actuators	Total dimensions H x W x D [mm]	Visible dimensions H x W x D[mm]
 1152071	Setback input (follower)	On/off output	Heating: electrothermal actuator "normally closed" Cooling: electrothermal actuator "normally open"	84 x 84 x 40	84 x 84 x 16



Dimensions of the room thermostat



Wiring diagram

Accessories

FloorCon F Electrical connecting block

With automatic hydronic balancing for surface heating/cooling.

	Suitable for	Room thermostat	Item no.
	230 V, without room allocation	8	1400984
	230 V, with room allocation	10	1400985

Electrical connecting block for surface heating

For connecting room thermostats and actuators.

	Suitable for	Control zones	Item no.
	230 V, heating	6	1400980
	230 V, heating/cooling (C/O), pump control	10	1400981
	230 V, heating/cooling (C/O), pump and boiler control, integrated time switch	10	1400983

Aktor T 2P Electrothermal actuator

On/off control, connection thread M 30 x 1.5.

	Suitable for	Item no.
	• ClimaCon F	1012415
	• FloorCon F	(230 V NC)
	• Electrical connecting block	1012425 (230 V NO)

Temperature sensor for FloorCon F

One flow temperature sensor is required per heating circuit distributor/collector and one return temperature sensor is required per heating circuit.

	Suitable for	Item no.
	FloorCon F	1029093 (supply)
	FloorCon F	1029094 (return)