

Electronic on/off thermostats



OTN2/OTD2

- With limitation sensor
- Built-in interrupter
- With digital display

Thermostats with up to 2 sensors

Recommended for control of electrical underfloor heating.

- Electronic thermostat suitable for flush mounting in a standard wall socket.
- With limitation sensor. For optimal comfort avoiding cold tiles during spring and autumn, or as protection against damaging wooden floors.
- With built-in interrupter for convenient switching off at airing the room and at summer times.
- Built-in night setback via external timer and possibility for frost protection via rectifier and external timer.
- On/off control up to 3,600 W, 16 A.
- With digital display, making it easy to set the required floor or room temperature. Simple to use. The red button increases the temperature, the blue one lowers it.
- If required, the offset can be adjusted and furthermore limited for max. or min temperature.

Elegant European Design

Can be mounted in combination with various types of light switches.

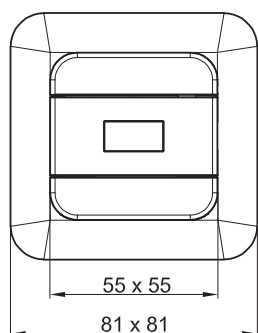
PRODUCT PROGRAM

Type	Product
OTN2-1991	Thermostat IP21 with external 3 m floor sensor and night setback / frost protection
OTN2-1999	Thermostat IP21 with built-in room sensor and night setback / frost protection
OTD2-1999	Thermostat IP21 with external floor sensor (limitation sensor), built-in room sensor and night setback / frost protection
Accessories	
ETF-944/99-H	Remote room sensor for surface wall mounting (only OTN2-1991)
OTN-VH	Baseplate for surface wall mounting
ACC-001	Backing plate 86x86 mm for large wall sockets (10 pcs.)
MM-7595	Electronic day/week timer for DIN-rail

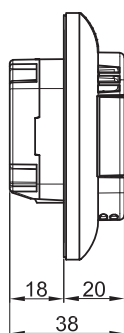
Thermostat control:

The OTN2/OTD2 is an electronic on/off thermostat with control of temperature by means of an NTC sensor.

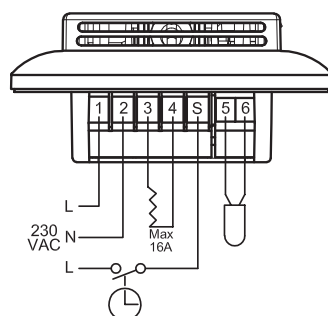
Red LED indicates when heating is on.



Dimensions

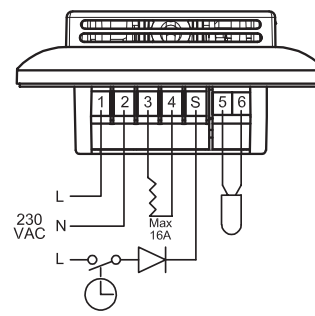


BR949A01a



Connections OTN2-1991

BR949A06a



Connections OTD2-1999 (frost protection mode)

BR949A07a

Temperature setback:

Type OTD2 is with adjustable setback mode (2-8°C). OTN2 is standard set to 5°C. Activated with a day/week timer, e.g. MM-7595. The timer is programmed with the required comfort and setback periods.

Temperature limitation:

OTD2 is supplied with an external floor sensor and a built-in room sensor. The thermostat can be set for the following functions:

- Room temperature control
- Floor temperature control
- Room temperature control where the floor sensor is used as a limitation sensor.

Maximum and minimum limitation temperatures can be set (e.g. max. 27°C for a wooden floor).

Adjustment of the thermostat:

Temperature range +0/+40°C for easy setting of required temperature. The temperature range can be set with max. and min. temperatures.

TECHNICAL DATA

Power supply	230 V +10/-15% 50/60 Hz
Output relay SPST	16A, 3,600W
Regulation mode	PWM regulation
On/off differential	0.4°C
Built-in interrupter	2-pole, 16A
Ambient temperature	0/+50°C
Temperature range	+0/+40°C
Setback temperature	OTN2-1991: 5°C (via remote timer)
	OTN2-1999: 5°C (via remote timer)
	OTD2-1999: 2-8°C (via remote timer)
Temperature limitation	OTD2-1999: min./max. limitation +5/+55°C
Housing	IP21
Dimensions (H/W/D)	81/81/38 mm
Floor sensor	NTC, 3 m

Elegant European Design. Can be mounted in combination with various types of light switches.

The red button increases the temperature, the blue one lowers it. It's as simple as that!



Built-in 2-pole interrupter.

State-of-the-art electronics inside. Attractive design outside.