

3
YEAR
warranty

THERMOSTATS FOR UNDERFLOOR HEATING

Thermostats incl. 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 3,600W, 16A.
- 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 PROGRAMME

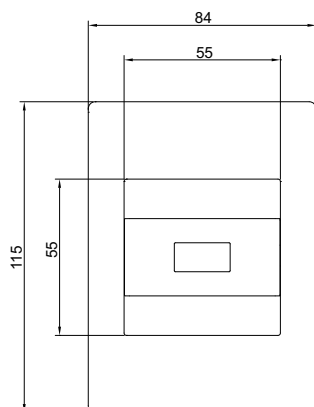
TYPE	PRODUCT
MTC2-1991-UA	Thermostat IP21 with external 3 m floor sensor and night setback / frost protection
MTC2-1999-UA	Thermostat IP21 with built-in room sensor and night setback / frost protection
MTD2-1999-UA	Thermostat IP21 with external floor sensor (limitation sensor), built-in room sensor and night night setback / frost protection

ACCESSORIES

ETF-944/99-H	Remote room sensor for surface wall mounting (only MTC2-1991)
MM-7595	Electronic day/week timer for DIN-rail.

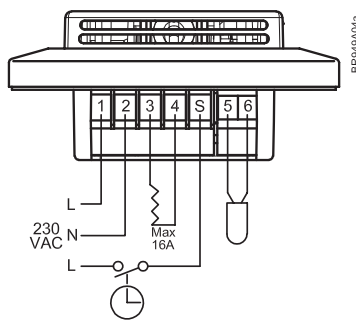
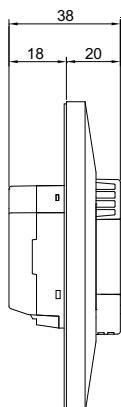
Thermostat control:

The MTC2/MTD2 is an electronic on/off thermostat with control of temperature by means of an NTC sensor. Red LED indicates when heating is on.

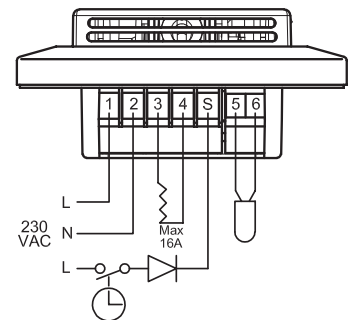


BR-0949-A30a
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Dimensions



Connections MTC2-1991 (setback)



Connections MTD2-1999 (frost protection mode)

Temperature setback:

Type MTD2 is with adjustable setback mode (2-8°C). MTC2 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:

MTD2 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.

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.

TECHNICAL DATA

Power supply	230V +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	MTC2-1991: 5°C (via remote timer) MTC2-1999: 5°C (via remote timer) MTD2-1999: 2-8°C (via remote timer)
Temperature limitation	MTD2-1999: min./max. limitation +5/+55°C
Housing	IP21
Dimensions (H/W/D)	115/84/38 mm
Floor sensor	NTC, 3 m