

THERMOSTATS FOR COMFORT HEATING

## Thermostats incl. 2 Sensors

Recommended for control of underfloor heating and electrical 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.
- On/off control up to 3,600W, 16A.
- With graduated scale, making it easy to set the required room temperature.
- If required the scale 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.

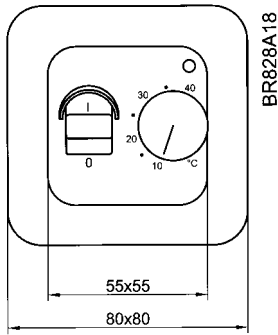
### PRODUCT PROGRAM

TYPE	PRODUCT
OTD-1999H	Thermostat incl. floor sensor and built-in sensor. With setback mode.
OTDC-1999	Thermostat incl. floor sensor and built-in sensor. Without setback mode.
ACCESSORIES	
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:

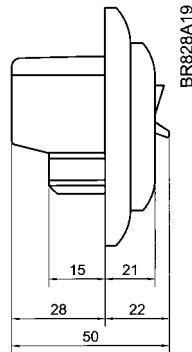
The OTD/OTDC is an electronic on/off thermostat with control of temperature by means of an NTC sensor. The heating output is switched on and off with a differential of 0.4°C.

Red LED indicates when heating is on.



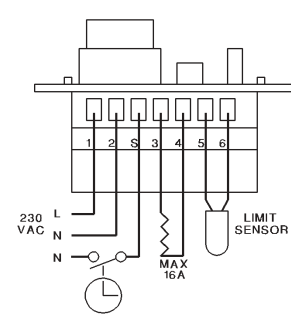
BR828A18

Dimensions



BR828A19

Dimensions



BR828B09

Connections OTD-1999H



### Temperature Setback:

Type OTD is with adjustable setback mode (2-8°C). As 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. The OTDC is without setback mode.

### Temperature Limitation:

The thermostat is with built-in room sensor and incl. floor sensor. Sensor 1 is used for regulation of room temperature. Sensor 2 can be used for one of the following functions:

#### Max. floor temperature limitation

Protection of i.e. wooden floors

#### Min. floor temperature limitation

For better heating comfort.

The limitation temperature is set on a potentiometer below the front cover.

### Adjustment of the Thermostat:

Temperature range +5/+40°C for easy setting of required temperature. With the locking rings behind the thermostat button the max./min. temperature setting can be selected.

### TECHNICAL DATA

POWER SUPPLY	OUTPUT RELAY SPST	ON/OFF DIFFERENTIAL
230V +10/-15% 50/60 Hz	16A, 3,600W	0.4°C
BUILT-IN INTERRUPTER	AMBIENT TEMPERATURE	TEMPERATURE RANGE
2-pole, 16A	0/+50°C	+5/+40°C
SETBACK TEMPERATURE	TEMPERATURE LIMITATION	
OTD:	2-8°C	min. limitation +15/+30°C
OTDC:	without setback mode	max. limitation +25/+50°C
HOUSING	DIMENSIONS (H/W/D)	FLOOR SENSOR
IP20	80/80/50 mm	NTC, 3 m



### OJ Thermostat Program Includes

- Thermostats for flush mounting
- Thermostats for wall mounting
- Thermostats for DIN-rail mounting
- Thermostats for snow melting and frost protection
- Triac thermostat and controllers from 1-44 kW
- Thermostats adjusted to the individual market's needs for design, approvals and standards for electrical material