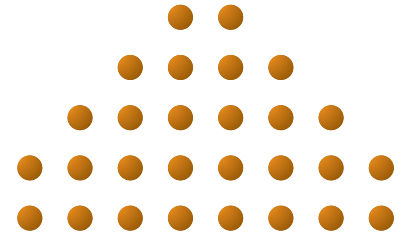


OJ Microline®  
**OCD3**
**3**  
YEAR warranty

THERMOSTATS FOR UNDERFLOOR HEATING

## 4-event Clock Thermostat

### incl. 2 sensors

Recommended for control of heating systems for heating comfort with minimum power consumption.

- On/off control up to 3,600W, 16A.
- With limitation sensor. For optimal comfort avoiding cold tiles during spring and autumn, or as protection against damaging wooden floors.
- Built-in clock function for automatic comfort and setback temperature.
- Set only time and day at installation. Delivered with factory-set program.
- With built-in 2-pole interrupter for convenient switching off at airing the room and at summer times.
- Adaptive control ensuring comfort temperature at the required time.
- Inclined backlit display for better read-out.
- Flush mounting in a standard wall socket.
- Snap-mounting of front cover for easy installation.

### Elegant European Design

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

### PRODUCT PROGRAMME

WHITE	PRODUCT
OCD3-1999	Clock thermostat with built-in sensor and incl. limitation sensor 3 m

### ACCESSORIES

OTN-VH	White base plate for surface wall mounting
ACC-001	White backing plate 86x86 mm for large wall sockets (10 pcs.)
ETF-944/99-H	White remote room sensor for surface wall mounting

### Thermostat control:

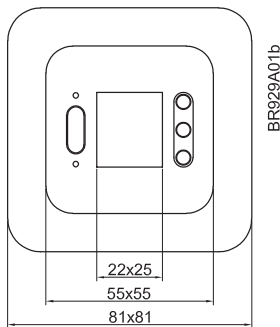
Electronic PWM-controlled thermostat for control of room temperature by means of an NTC sensor. The heating output is switched on and off with a differential of less than 0.4°C.

### Temperature limitation:

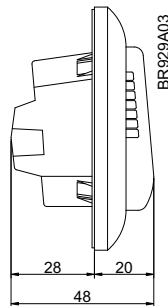
The OCD3 is delivered with a floor sensor which can be used for:

**Max. temperature limitation:** Protection of i.e. wooden floors

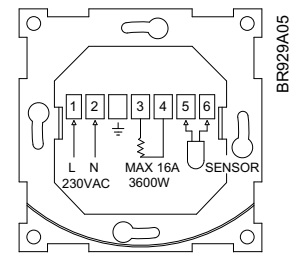
**Min. temperature limitation:** For better heating comfort



Dimensions (mm)



Dimensions (mm)



Connections



### Housing IP 21:

Can be mounted in bathrooms and other humid rooms.

### Monitoring of energy consumption:

Total switch-on time in percentage can be read out within the latest 2 days, 30 days or 365 days. In this way the heating consumption can be controlled.

### Factory-set events:

The OCD3 is delivered with factory-set programs as follows:

DAY 1-5	EVENT	TIME	TEMPERATURE
	1	06:00-08:00	Comfort 20°C
	2	08:00-16:00	Setback 15°C
	3	16:00-22:30	Comfort 22°C
	4	22:30-06:00	Setback 15°C
DAY 6-7	EVENT	TIME	TEMPERATURE
	1	08:00-23:00	Comfort 22°C
	4	23:00-08:00	Setback 15°C

### Individual programming of events:

The factory-set periods and/or temperatures can be changed according to requirement.

Furthermore, the following programs can be selected:

- 4 events 6 days and 2 events day 7
- 4 events per day

OCD3 is with adaptive function meaning the thermostat calculates when the heating has to be switched on to make sure that the comfort temperature is obtained at the required time.

### Comfort mode:

The temperature can be temporarily changed for a single event. The comfort mode temperature is reset at the next event, and the thermostat will return to the scheduled event program.

### Manual mode:

The scheduled event program can be cancelled e.g. during holidays, instead the temperature can be adjusted to e.g. 5°C for frost protection. The new setpoint is valid until the manual mode is cancelled.

### Backup function:

All settings and the clock are maintained in case the thermostat is switched off on the built-in interrupter. In case the main power supply is interrupted for more than 50 hours the current time and date must be adjusted. In power term installations with daily disconnection of the main power to the heating installation, it is recommended to connect the thermostat to the primary line that is not disconnected, and connect the heating installation over an external relay.

### Changing of type:

Via the software menu the thermostat can be modified to one of the following thermostats:

TYPE	PRODUCT
OCC3-1991	Clock thermostat incl. floor sensor 3 m
OCC3-1999	Clock thermostat with built-in room sensor

### TECHNICAL DATA

Supply voltage	230V ±15%, 50/60Hz
Output relay SPST	16A, 3,600W resistive load or 1A inductive load
Built-in interrupter	2-pole, 16A
Temperature range	+5/+40°C
Limitation of range	5/55°C, Factory setting min. 15°C/max. 28°C
Clock function	4-event program
Ambient temperature	0/+40°C
On/off differential	0.4°C
Housing	IP21
Sensor type	NTC, 3 m
Dimensions (H/W/D)	81/81/48 mm
Size of display (H/W)	25/22 mm