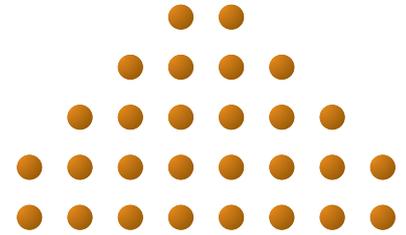


OJ Microline®  
**OCC2**



**3**  
YEAR warranty

THERMOSTATS FOR UNDERFLOOR HEATING

## 4-event Clock Thermostat

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

- On/off control up to 3,600W, 16A.
- 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	COLOUR	PRODUCT
OCC2-1991H1	OCC2-1991-E2	Clock thermostat incl. Floor sensor 3m
OCC2-1999H1	OCC2-1999-E2	Clock thermostat with built-in room sensor

### ACCESSORIES

ETF-944/99-H	White remote room sensor for surface wall mounting Used together with OCC2-1991H1
OTN-VH	White base plate for surface wall mounting
ACC-001	White backing plate 86x86 mm for large wall sockets (10 pcs.)
ACC-003-D6	Graphite front cover
ACC-004-B5	Aluminium frame

### Thermostat control

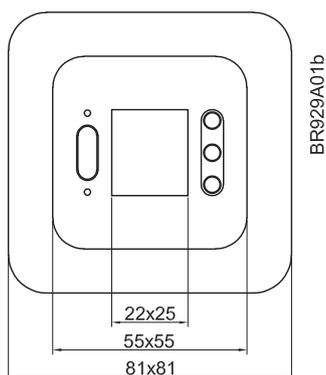
Electronic on/off thermostat for control of temperature by means of a sensor either placed externally or built into the thermostat. The heating output is switched on and off with a differential of only 0.4°C.

### Housing IP21

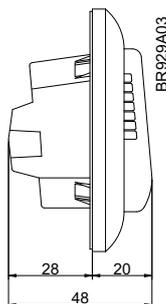
Can be mounted in bathrooms and other humid rooms.

### Built-in clock function

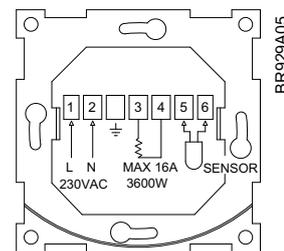
OCC2 is with built-in 4-event program for automatic comfort and setback temperature.



Dimensions (mm)



Dimensions (mm)



Connections

### 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 of events

The OCC2 is delivered with factory-set programs as follows:

DAY 1-5				
EVENT	TIME	TEMPERATURE	W/FLOOR SENSOR	W/ROOM SENSOR
1	06:00-08:00	Comfort	25°C	20°C
2	08:00-16:00	Setback	20°C	15°C
3	16:00-22:30	Comfort	27°C	22°C
4	22:30-06:00	Setback	20°C	15°C
DAY 6-7				
EVENT	TIME	TEMPERATURE	W/FLOOR SENSOR	W/ROOM SENSOR
1	08:00-23:00	Comfort	27°C	22°C
4	23:00-08:00	Setback	20°C	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

OCC2 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.

### Read-out of sensor temperature

The actual temperature of the floor sensor can be read out.

### TECHNICAL DATA

Supply voltage	230V AC ±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	Min./max.
Clock function	4-event program
Ambient temperature	0/+40°C during operation
On/off differential	0.4°C
Housing	IP21
Sensor type	NTC
Dimensions (H/W/D)	80/80/48 mm
Size of display (H/W)	25/22 mm