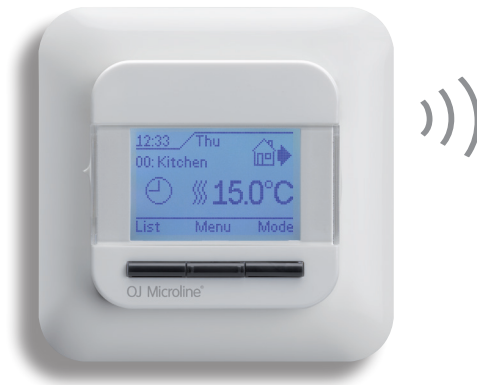


# OCS4-10

COMFORT SYSTEM 4™



**Intelligent Control**  
Maximum comfort with  
low energy consumption

**Save up to 36 % CO<sub>2</sub>**



THERMOSTATS FOR COMFORT HEATING

## Central Controller

Make your business complete with the central control system from OJ Electronics.

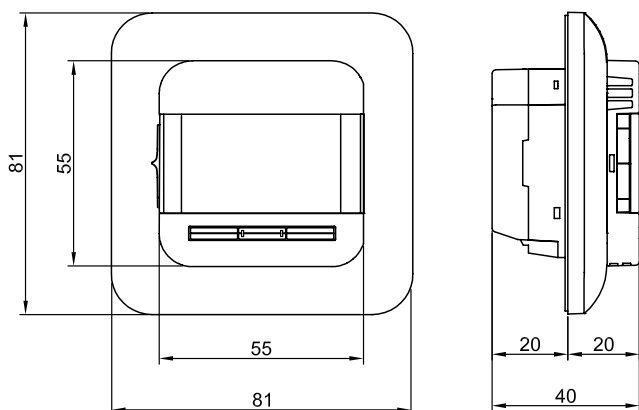
Comfort System 4™ offers maximum comfort in all areas, from installation through operation to servicing. It ensures minimum energy consumption by intelligent radio controlled thermostats following a group's 4-event programme.

The wireless controller and thermostats are recommended for controlling multi-room heating systems with up to 16 rooms.

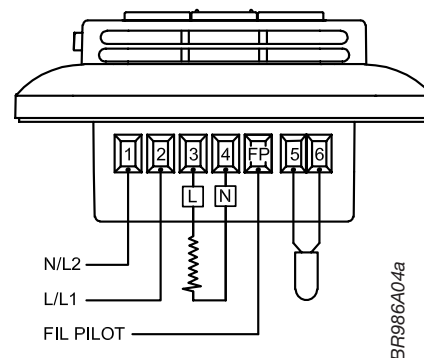
- Saves at least 20 % in energy consumption.
- Easy read-out of energy costs
- Depth of only 20 mm, wireless installation and snap mounting of front cover make installation easier than ever!
- Easy, animated menu navigation and programming. The programming is child's play, ensuring the fastest and easiest set-up.
- Easy set-up – 5 built-in schedules ready for use.
- Innovative – ready for external SMS modem control.
- Automatic daylight saving times and battery backup of clock and calendar.

### PRODUCT PROGRAMME

TYPE	PRODUCT
OCS4-10	CS4™ Central controller for up to 15 wirelessly controlled basic thermostats
OSD4-1999	CS4™ Thermostat, for use with OCS4
OSA4-10	CS4™ Panel Heater Controller, for use with OCS4



BR984A19a



BR986A04a

### Comfort system controller

The controller will automatically and wirelessly ensure comfort control of up to 16 rooms or floor thermostats.

### Easy read-out of energy consumption

The total time the heating has been switched on can be read out in kW/percentage for the last 2, 7, 30 or 365 days. This allows heat consumption to be monitored.

### Built-in thermostat

The central controller has a built-in 16 A thermostat, extendable for up to 16 rooms.

### IP21 housing

Also suitable for mounting in bathrooms.

### Built-in clock/calendar function with power backup.

The controller has a built-in 4-event program for automatic comfort and setback temperatures.

### Graphical STN display with exclusive backlighting

Unique user interface with new button-based navigation for easy programming. Backlit with white, low-power LEDs, giving it an exclusive look and feel.

### 5-group factory-set time programmes

OCS4 is supplied with the following factory-set program:

DAY 1-5	
EVENT TIME	TEMPERATURE
1 06:00-08:00	Comfort 21 °C
2 08:00-16:00	Setback 15 °C
3 16:00-22:30	Comfort 21 °C
4 22:30-06:00	Setback 15 °C
DAY 6-7	
EVENT TIME	TEMPERATURE
1 08:00-23:00	Comfort 21 °C
4 23:00-08:00	Setback 15 °C

### Individual programming of events

The factory-set periods and/or temperatures can be changed as required.

Furthermore, the following programs can be selected:

- 4 events for 5 days and 2(4) events for days 6+7
- 4 events for 6 days and 2(4) events for day 7
- 4 events per day

### Comfort mode

The house temperature can be temporarily changed for a single event. The comfort mode temperature is reset after a selected number of hours. The thermostat will then return to the scheduled event program.

### Holiday mode

The scheduled event program can be cancelled, e.g. during holidays, and the temperature set for humidity protection purposes instead, e.g. to 10 °C. The new setpoint remains valid until the scheduled end date and time. The house will thus be warm on returning from holiday.

### TECHNICAL DATA

Supply voltage	230 V AC ±10 % 50/60 Hz
Standby power	~ 0.9 Watt
Output relay SPST	16 A resistive load or 1 A inductive load
Interrupter	Software controlled relay
Temperature range	+5/+40 °C
Floor limit range	+5/+40 °C
Clock function	4-event program
Battery backup	5 years
Ambient temperature	0/+40 °C during operation
Regulation principle	PWM / PI
Housing	IP21
Internal sensor type	NTC (12 KΩ) 3 m
Dimensions (H/W/D)	84/84/40 mm (20 mm depth)
Display	100x64 pixel STN - white backlight
EU registered design	001534462-0001 / 2
RF frequency band	868.3 MHz
RF transmission range	up to 100 meters in open field