



**3**  
YEAR warranty

THERMOSTATS FOR COMFORT HEATING

## 4 Event Clock Thermostat

Clock thermostat for electrical underfloor heating where an optimal comfort temperature and lowest energy consumption is required.

- Easy menu navigation and programming in 5 different languages.
- Adaptive control ensuring comfort temperature at the required time.
- Built-in clock function for automatic comfort and setback temperatures.
- Thin clock thermostat, giving the installer an easier job.
- Built-in schedule ready for use. Delivered with factory-set program.
- Graphical backlit display for ease of use.

### PRODUCT PROGRAMME

TYPE	PRODUCT
ICD3-1999	Clock thermostat with built-in room sensor and floor limit sensor.

#### Thermostat control

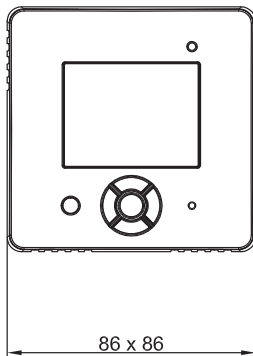
Electronic thermostat for control of temperature by means of a sensor placed either externally in the floor or built into the thermostat. ICD3 has as well the option to operate in regulator mode, for renovation purposes where a floor sensor can not be used.

#### Built-in clock - calendar with power backup

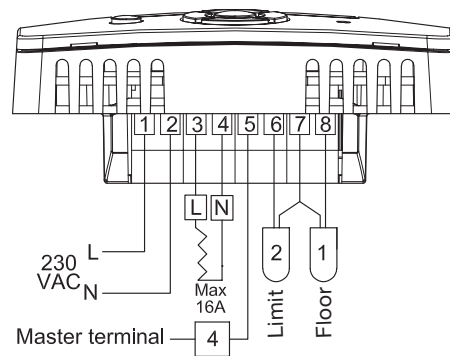
Comes with built-in 4-event program for automatic comfort and setback temperature.

#### Graphical display

Unique user interface with new graphical menu's and button based navigation for easy programming and readout of data.



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### Monitoring of energy consumption

Total switch-on time in percent and calculated cost can be read out within the latest 2 days, 30 days or 360 days. In this way the overall energy consumption can be monitored.

### Factory-set of events

The thermostat is delivered with factory-set programs as detailed below:

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

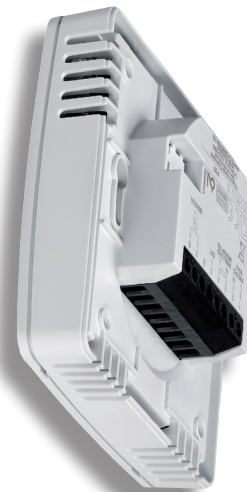
- 4 events 5 days and 2 events day 6+7
- 4 events 6 days and 2 events day 7
- 4 events per day

### Comfort mode

The room temperature can be temporarily changed for a single event. The controlled thermostat will then 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 set point is valid until the manual mode is cancelled.



### TECHNICAL DATA

Supply voltage	230 V AC ±10 % 50/60 Hz
Standby power consumpt.	1 Watt
Output relay SPST	16 A, 3600 W resistive load or 1 A inductive load
Temperature range	+0/+30 °C
Temperature limitation	+5/+55 °C
Clock function	1 pre-installed programme, 28 optional setback programmes
Ambient temperature	0/+30 °C
On/Off differential	0.4 °C
Regulation principle	PWM / PI.
Housing	IP20
Sensor type	NTC (12 KΩ) 3 m.
Dimensions (H/W/D)	86/86/48 mm
Display	100x64 pixel STN - backlitt

Approvals:  
 BEAB