SALUS

Programmable Room Thermostat

for under floor Heating Model No:- ERT50

Purpose and correct use:

The ERT 50 room thermostat is an programmable electronic digital temperature control system for electrical control of heating systems, and functions as a trigger for electrothermal actuators or other electrical devices.

This unit must be installed by competent electrician, in accordance with BS7671 (The IEE Wiring regulations), or other relevant regulations and codes of good practise.

The ERT50 must be located where it would not be subjected to extraneous heat gain or loss i.e. above radiators, in direct sunlight or draught.

Important: disconnect thermostat from mains before opening.

Protective system through housing IP 30 protective class II

Data specification sheet

	Surface mounted
Item No.:	112.500
Supply:	2 x Batteries Type AA (intern) 230V AC / 50Hz (extern)
Electronic switch output	
Switching current max.:	10 (3) A
Number of actuators, max.:	5 units - 3W
Hysteresis:	0.5K
Protective class:	IP 30
Dimensions W/H/D in mm:	75 / 130 / 30
Temperature range:	5°C - 30°C
Storage temperature:	-25°C - 65°C



Instructions for fitting and installation

Osvens.

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Wall mounting



Before mounting, separate housing cover from base plate. Proceed as follows:

- Loosen screw located on lower side.
- Open the housing by pulling off the housing cover on the lower side, then lift off.
- Now mount the base plate with the supplied screws firmly to the wall, or onto the flush-mounting container.

Wiring plan

Wire the thermostat only in accordance with the wiring plan below:



Version	230	V
v CI 51011	200	•

Terminal	
⊕	Supply for temperature reduction (Timer)
Ν	Neutral wire
L	230 V supply
(Switch output (actuator, terminal strip)

Version 24 V

Terminal	
L2	24 V supply
NC	Circuit closed when temperature is reached
>	СОМ
NO	Circuit open when temperature is reached
LI	24 V power supply

CE

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