# RS 7194143 DUAL VOLTAGE THERMOSTAT

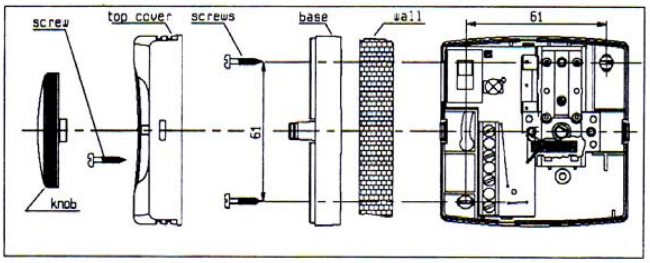
Bimetallic room thermostat for regulation and control of the ambient temperature

## USE

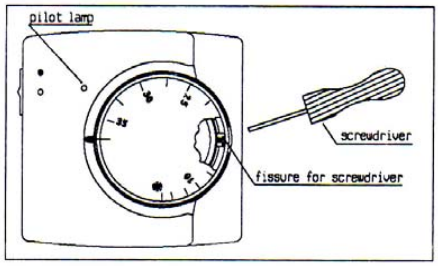
For the correct working and safety reasons the thermostat is to be installed and used according to the instructions herebelow provided.
The thermostat is mainly suitable for heating and / air-conditioning installations.
The room thermostat must be protected from water and dust.
The room thermostat has been tested in compliance with the European standards for safety and has been classified as follows:
1) according to its manufacture: as an automatic control device by independent mounting;
2) according to its automatic operating features: as a 1.C operated control type.

## INSTALLATION

The room thermostat can be installed directly on the wall by means of screws securing the holes of the thermostat base after removing the knob and the cover (see pic. 1).



pic.1



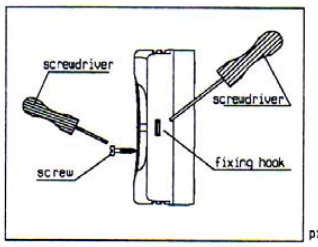
pic.2

### To remove the knob

Turn the knob to the maximum temperature position (35°)
Insert the blade of a screwdriver in the fissure between the knob and the top cover.
Use the screwdriver as lever to remove the knob. (see pic.2).

### To remove the top cover

Remove screw on the top cover.
Press slightly with a screwdriver blade on the fixing hook. (see pic.3).
We reccomend to install the room thermostat at height of approx. 1,5m from the ground, far from sources and avoiding humid and polluted environments (pollution degrees 2).



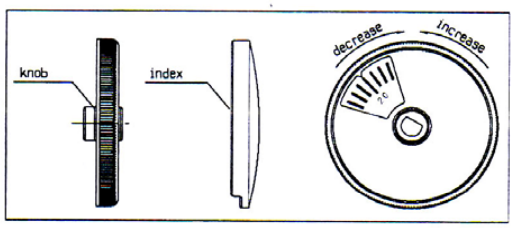
pic.3

## ELECTRICAL CONNECTION

Before proceeding with electrical connection, disconnect mains.
The electrical connection is ensured by means of screw terminals.
Max. diameter of the cross-section= 2,5 mm².

## CONDITIONS OF USE

Temperature scale adjustment (if necessary).
Proceed as follows to obtain an accurate indication of the room temperature;
approximately two days after the installation: measure the room temperature with a thermometer; compare the difference between the temperature reading on the thermometer and the temperature indicated by the knob index; remove the knob; remove the knob base and turn the base clockwise (to decrease) or anticlockwise (to increase) in order to eliminate any difference in temperature between the thermometer reading and the knob index.
One notch= 1°C. (see pic.4) Replace the knob base first and then the knob.



pic.4

## CE NOTES

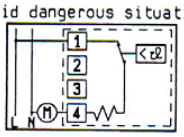
Type of disconnection: micro - disconnection
Group of insulation: IIIa
Overvoltage: II 1500 V
Duration of electric stress for insulation parts: long period
Number of cycles: 200.000

## THERMAL, ELECTRICAL AND MECHANICAL FEATURES

Temperature range: 5/35°C
Differential: < 1-4K
Max. operating temperature: 50°C
Storage temperature: -30 / +70°C
Insulation class: ⧈
Protection degree: IP 20

## Clamps Connection 1-4

Use the connection exclusively for segnalation loads with the voltage limit values indicated as follows:
Load < 0,5A / 24-250V~
IMPORTANT:
Before connecting terminals 1-4, verify the reaction to the limit value, of the applied electrical load, to avoid dangerous situations.




## Clamps Connection 1-3

Use the connection for loads up to 10A / 250V~