

## AMBIENT THERMOSTAT TERMO14

### Installation instructions

#### USES

This thermostat is designed for automatic regulation of heating and conditioning systems in houses, Hotels, schools, offices, workshops and many other environments, both domestic and industrial. It is also ideal for heating and air conditioning numerous industrial and civil applications.

#### TECHNICAL SPECIFICATIONS TERMO 14

Free mounted non-electric single-pole thermostat

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| <ul style="list-style-type: none"> <li>- Setting range: +5 / +30°C</li> <li>- Differential: <math>\Delta t \leq 1K</math></li> <li>- Thermal gradient: 1K / 15 min.</li> <li>- Sensitive element: vapour expansion lung</li> <li>- Silver contacts 1000/1000</li> <li>- Break or switching contacts</li> <li>- Rated pulsating voltage: 4kV</li> </ul> | <ul style="list-style-type: none"> <li>- Capacity of the contacts:<br/>TERMO 14.1 16(2,5)A 250V ~ (*) ; TERMO 14.2 and<br/>TERMO 14.3 10(1,5)A 250V ~ ; TERMO 14.4 10(1,5)A 250V ~</li> <li>- Protection against shock: I</li> <li>- Degree of protection: IP20</li> <li>- Type of action: 1B</li> <li>- Pollution level of the device: degree of pollution 2</li> </ul> |
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(\*) The current carrying capacity of 16(2.5)A 250V depends on the use of flexible leads for the connections.  
If rigid leads are used, the capacity is reduced to 10(2.5)A 250V.

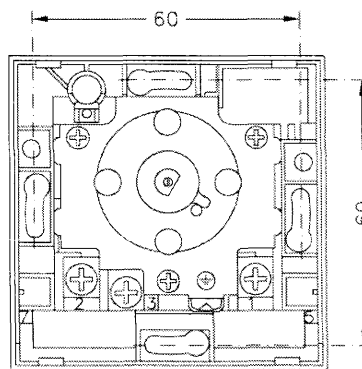
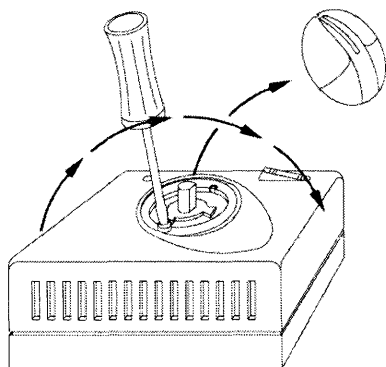
#### POSITIONING

You are advised to position the thermostat as far as possible in a place that reflects the average temperature of the whole area. Avoid positioning it near doors, windows, sources of heat and in places where there is too much or too little ventilation.

The thermostat should be fitted at approximately 1.5 m from the ground.

#### INSTALLATION

- 1 The thermostat can be fitted to the flush-mounting box of the electric system (centre distance 60 mm) or directly to the wall (centre distance 60 mm);
- 2 Remove the knob and unscrew the screw of the cover as shown in the drawing;
- 3
  - a) Fix the base to the wall
  - b) connect the thermostat earth by using the terminal marked with the earth symbol
  - c) follow the wiring diagram inside the cover; fix the flexible inseparable wires to the relative screw terminals
  - d) replace the cover, screws and knob.



To avoid any damage to the switch we recommend to remove the cover according to the direction of the arrow.