

TAM-01 Mechanical Room Thermostat

Room thermostats with unipolar gas filled bellows and changeover contacts are suitable for commercial and industrial premises as well as for home installation both for heating and air conditioning.

Features

- Knob limitation feature through mechanical pins
- Fixing with distance between holes 60mm
- Compliant with directives EEC 89/336, 73/23 and 93/68 CE



Model Types	Model	Description
	TAM-011	Mechanical Room Thermostat
	TAM-012	Room Thermostat with Indication
	TAM-013	Room Thermostat with Indication & Switch
	TAM-014	Room Thermostat with Indication & Switch

Technical Data	Parameter	Value
Technical Data	Contact rating	TAM011MI 16A @250V~ TAM012MI 5A @ 250V~ TAM013MI 5A @ 250V~ TAM014MI 5A @ 250V~
	Regulation range	8°C...30°C
	Contact type	SPDT (Change over)
	Differential	<1°K
	Protection class	IP30
	Operating temperature	0°C...40°C
	Storage temperature	-10°C...+50°C
	Humidity limits	20%...80% rH (non condensing)
	Enclosure	Material: ABS V0 self-extinguishing Colour: Signal white (RAL 9003)
	Size	85W x 85H x 31D mm
	Weight	~131 gr.

INSTALLATION

The thermostat must be installed at approx. 1,5m from the floor and where the temperature is close to the average room temperature. Remove the control knob. Remove the plastic cover by moving to the inner side, through the use of a tool (Fig. 4), the two plastic teeth (d) located on the left side (Fig. 5) of the thermostat. Fix the device to the wall using screws with Ø max. 3mm through the two holes on the base of the thermostat.

ELECTRICAL WIRINGS

Pass the cables through the slid on the back plate. Make wirings according to the wiring diagram (Fig. 1).

KNOB ROTATION LIMITATION

It is possible to limit the rotation range for the set-point knob by following these steps:

1. Remove the knob;
2. Pick up the plastic pins (a) parked at one side of the knob area and set them (b) as in the example of Fig. 3. In this example the rotation range (c) is reduced as in the shown angle.

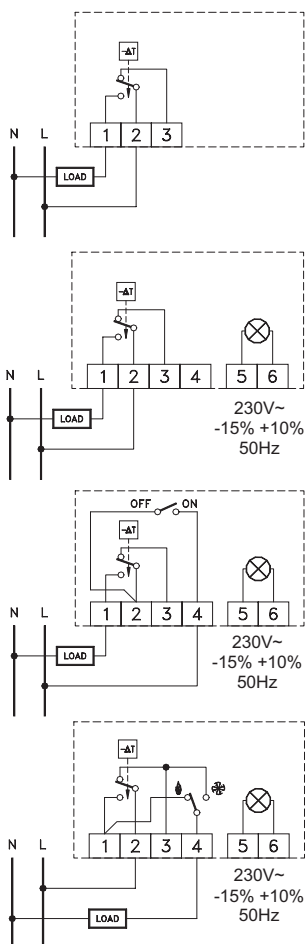
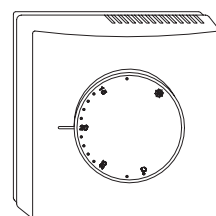
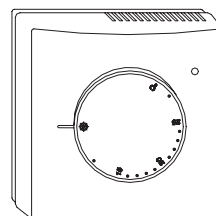


Fig. 1: Wiring diagram

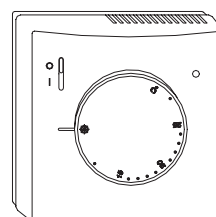
TAM 011 MI



TAM 012 MI



TAM 013 MI



TAM 014 MI

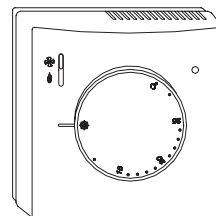


Fig. 2: External aspect

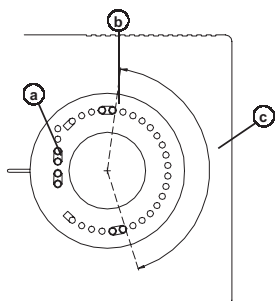


Fig. 3: Knob rotation limitation

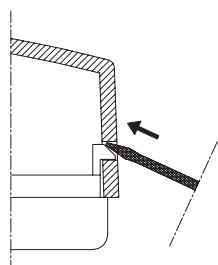


Fig. 4: Opening cover through the use of a tool.

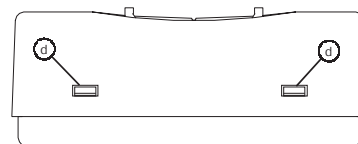


Fig. 5: Removing the cover

WARNING:

To adjust properly room temperature, install the thermostat far from heat sources, draughts or particularly cold walls (thermal bridges).

The appliance must be wired to the electric mains through a switch capable of disconnecting all poles compliant to the current safety standards and with a contact separation of at least 3mm in all poles.

Installation and electrical wirings of this appliance must be made by qualified technicians and in compliance with the current standards.

Before wiring the appliance be sure to turn the mains power off.

Notes: In the view of a constant development of their products, the manufacturer reserves the right for changing technical data and features without prior notice. The consumer is guaranteed against any lack of conformity for 24 months from the time of delivery, according to the European Directive 1999/44/EC. The full text of guarantee is available on request from the seller.

