

INSTRUCTIONS FOR USE AND INSTALLATION OF THERMOMETERS T4/MT6.

1a The instrument is secured directly to the DIN rail or to the panel by means of suitable brackets. If the optional rubber gasket is used, this must be placed between the panel and the instrument front, checking carefully that there are no gaps.

1b (For T4 and H4 only) To secure the instrument to the wall, remove the locking screw and lift the cover from the bottom upwards. In this way you have access to the four fastening holes located on the corners of the enclosure.

CAUTION: the internal parts of the instrument are connected to the supply voltage (230V). A contact with them may be fatal.

1c For proper functioning the ambient temperature must not exceed -10°C ... $+50^{\circ}\text{C}$ and 15%...80% relative humidity. To reduce the effects of electro-magnetic interference, place the probe cable and the unit as away as possible from power lines.

1d Probe and power supply must be wired strictly following the diagram indicated on the enclosure. If the probe is screened, its screen must not be connected to any other leads; if the transformer is needed, the instrument must be powered by the suitable transformer supplied by LAE (mod. TR...).

1e Should the thermometer be recalibrated, in consequence of probe replacement of considerable cable lengthening, then proceed as follows: use an accurate thermometer, make sure that the two probes are at the same temperature immersing them in a liquid if necessary. By means of a screwdriver turn the trimmer located close to the inscription "0° ADJ." (for the T4 turn the trimmer located near its transformer).

In case of humidity probe replacement, the hygrometer does not need any recalibration. If it's necessary to

recalibrate the humidity probe, then consult relevant instruction sheet or contact us.

Caution: where delicate or valuable products have to be maintained in strict conditions, we recommend not to use the same instrument for both control and alarm functions.

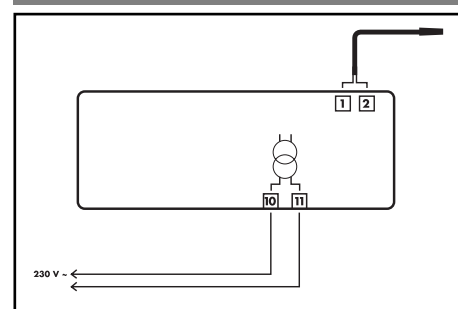
WARRANTY

LAE electronic Srl warrant that their products are free of any defects in workmanship and materials for a period of 1 (one) year from date of production shown on the enclosure. LAE electronic Srl shall only repair or replace those products of which defects are due to LAE electronic Srl and recognised by their technicians. LAE electronic Srl are not liable for damages resulting from malfunctions of the products. Defects due to exceptional operating conditions, misapplication and/or tampering will void the warranty.

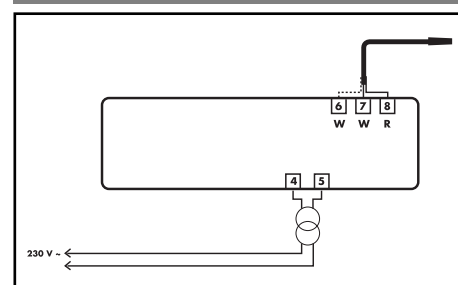
All transport charges for returning the product to the manufacturer, after prior authorisation by LAE electronic Srl, and for the return to the purchaser are always for the account of the purchaser.

WIRING DIAGRAM

T4



MT6



lae®
ELECTRONIC

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TECHNICAL DATA

	T4	MT6
Dimensions	79x115x42 mm	64x32x81 mm
Operating temperature	-10°C ... $+50^{\circ}\text{C}$	-10°C ... $+50^{\circ}\text{C}$
Range	-50°C ... $+150^{\circ}\text{C}$	refer to data on unit
Resolution	1°C	refer to data on unit
Input	PTC1000	refer to data on unit
Connections	screw terminal blocks, wire Ø 2mm ²	screw terminal blocks, wire Ø 2mm ²
Supply voltage	refer to data on unit	refer to data on unit
Consumption	2.5VA	1.5VA
Front protection	IP45	IP40; opt. IP54

We reserve the right to make modifications without prior notice.