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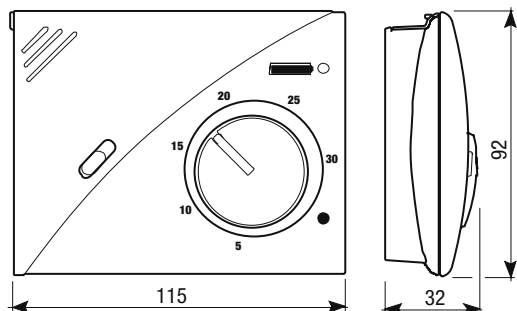
e-mail: info@vemer.it - web site: www.vemer.it

Mod. **LIV DN-B**
LIV SW-B

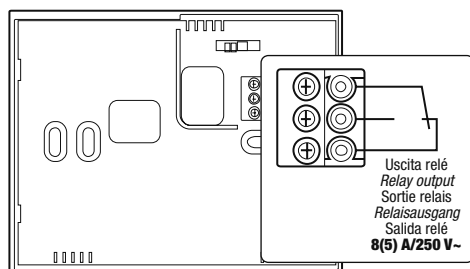
User Manual

WALL-MOUNTED ELECTRONIC THERMOSTAT
Read all the instructions carefully

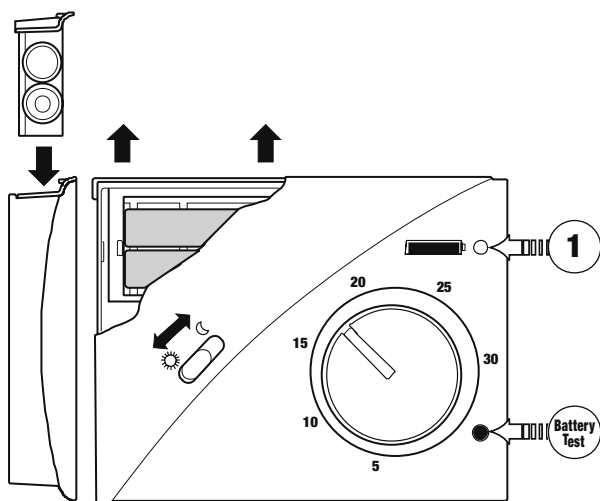
(A)



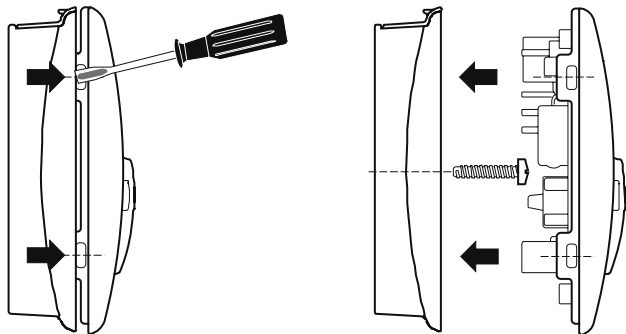
(B)



(C)



(D)



SAFETY WARNINGS

■ To guarantee the level of safety built into the device, please observe the following instructions:

- 1) The product should be installed by a skilled operator
- 2) Carefully follow the connection diagrams to install the instrument
- 3) Before touching the connector terminals, make sure the wires to be connected to the instrument are not live
- 4) Do not power or connect the product if any part of it is damaged

TECHNICAL SPECIFICATIONS

- Power supply: 2x1.5 V micro-stylus alkaline batteries (AAA)
- Autonomy: 12 months approximately
- Bi-stable intervention relay with exchange contact (inverter)
- Switching power: 8(5)A / 250 V AC
- Temperature regulation field: +5 °C ÷ +30 °C
- Fixed differential at 0.5 °C
- ON/OFF temperature regulation
- Operating temperature: 0 °C ÷ +50 °C
- Storage temperature: -10 °C ÷ +60 °C
- Relative humidity: 20%÷90% non-condensing
- Container: white polycarbonate material
- Protection level: IP40

Wall-mounted electronic thermostats

Code	Model	Description	Power supply
VN815700	LIV DN-B	Day-night thermostat	1.5 V batteries
VN816500	LIV SW-B	Summer-winter thermostat	1.5 V batteries

LEGEND

- A)** Dimensions
B) Connection diagrams
C) Operating modes
D) Assembly

INSTALLATION AND ASSEMBLY

- The ambient thermostat should be mounted at a height of roughly 150 cm from the floor, and kept out of direct sunlight and all heat sources, such as lights, heating pipes and similar.
- The product may be wall-mounted or fitted in a 3-module built-in box.
- The fixing screws for the base are supplied with the instrument (**fig. D**).
- To insert or replace the batteries, pull out the compartment in the upward direction (**fig. C**).
- Use only alkaline batteries and ensure the polarity is correct, as indicated inside the compartment
- Checking the battery charge condition (**fig. C**):
 - with "Battery Test" button held down and warning light "1" ON: battery charged
 - with "Battery Test" button held down and warning light "1" OFF: battery discharged

ELECTRICAL CONNECTION

- Follow the connection diagram inside the instrument or **fig. B**

SETTING THE TEMPERATURES

- The instrument is supplied with the switch in position "☉" (heating)
- Adjust the temperature regulation knob by turning it until the relay clicks in to check the operation of the system. Use the same knob to set the temperature as required.
- The "NIGHT ☾" position (**LIV DN-B** code **VN815700**) of the front panel switch causes the lowering of the temperature set by 3 °C.
- The "SUMMER ☼" position (**LIV SW-B** code **VN816500**) of the front panel switch causes the inversion of the relay status (summer conditioning).

REFERENCE STANDARDS

- Conformity with EU directives:
73/23/EEC, modified by **93/68/EEC** (low voltage)
89/336/EEC, modified by **92/31/EEC** and **93/68/EEC** (E.M.C.)
is declared with reference to the following standards:

- Safety: **EN 60730-2-9**

- Electromagnetic compatibility: **EN 55014-1** and **EN 55014-2**