

## THERMOSTATS AND CONTROL

**+0°C / +90°C**

### ELTH-A5 - Ambient and Surface Thermostat

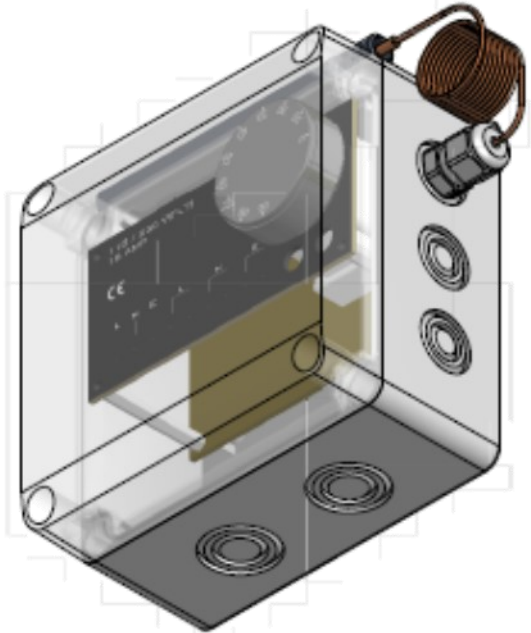
#### AMBIANT AND SURFACE THERMOSTAT ELTH-A5

The ELTH-A5 thermostat is a temperature control thermostat which allows the direct connection to the output of one (1) or two (2) heating cables or one (1) or two electric cables (type RVFV-U1000-3G2. 5) plus the direct connection of a power cable (type RVFV-U1000-3G2.5).

It can be used in industrial environments (refrigeration industry, maturation, etc.). It is perfectly adapted to the building and construction industry market.

The thermostat is liquid expansion type. It is a sensitive element with tinned copper bulb with stainless steel membrane.

Depending on the type of cable and number of cable, please follow the appropriate option.



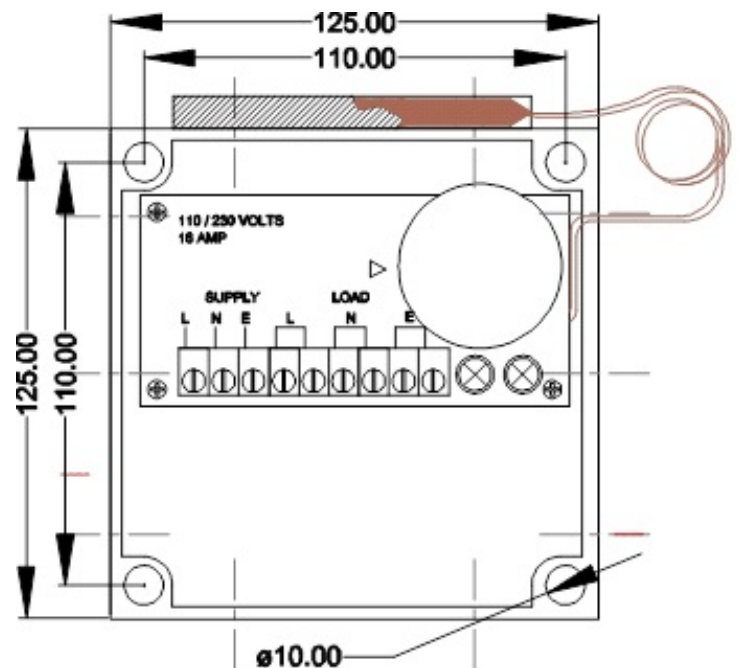
#### AMBIANT AND SURFACE THERMOSTAT ELTH-A5

- Adjustable from; +0°C to +90°C
- Switching capacity: 16A / 230V
- Thermostat housing 125x125x70 with regulation system and bulb included.
- Transparent cover for case (125x125x25)  
Protection: IP 65
- Housing: Thermoplastic Shockproof
- Sensor and Capillary: Copper.
- Temp. Max. Bulb: 120°C

The housing has the following openings :

- 2 × M16/M25
- 2 × M16/M25
- 3 × M12/M20
- 3 × M12/M20

This thermostat can be used with the whole range of ELTRACE heating cables



ELTRACE cables and systems must be installed according to the standards in force on the day of installation (CSTB technical manual, NF C 15-100, VDE ...) for the points where they apply and according to the installation instructions available on Request or on the website [www.eltrace.com](http://www.eltrace.com)

#### PRODUCT QUALIFICATION



**ELTH-A5 - Ambient and Surface Thermostat**

INSTALLATION INSTRUCTION

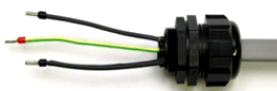


FIRST OF ALL - ENSURE YOUR SAFETY:  
Turn off the power. Check for voltage failure and follow installation standards. Wear protective goggles and gloves is mandatory. Wearing a protective apron is recommended when using sharp tools.



RECOMMENDED TOOLS

1. Cruciform Screwdriver: 8mm
2. Flat Screwdriver: 4mm
3. Flat key of 26 for PE-M20
4. Flat key 32 for PE-M25



The heating cables must be prepared before they are installed. For the preparation of the TRACECO heating cable termination kit refer to the particular installation instructions.



Before connecting the housing, make sure that the heating and supply cables are prepared and provided with their respective cable glands.



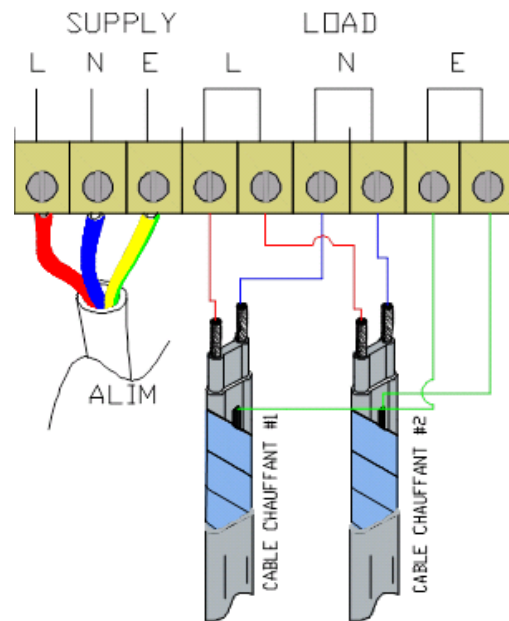
Depending on the OPTION, drill the caps to the dimensions of the cable glands



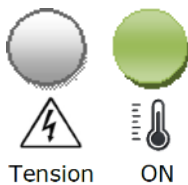
Insert the cable glands into the drilled holes. Then position the locknuts and tighten them. Finally, connect the cables according to the plan.



Finally, adjust the potentiometer according to the desired set point. Then close the transparent cover



Connect to the terminal block as shown in the diagram above



Two (2) LEDs indicate:  
· WHITE: on Voltage  
· GREEN: Closed contact ("ON" Heating)

PRODUCT QUALIFICATION  
CE, IP65

