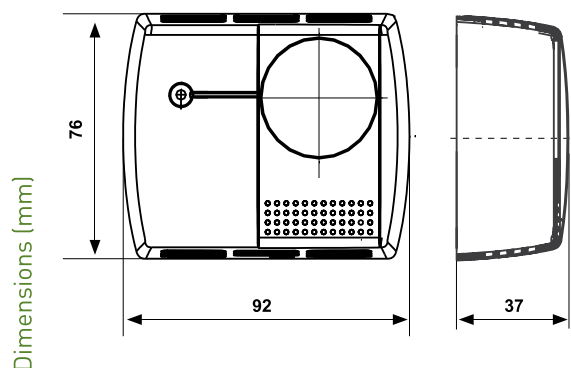


# C16

## Electromechanical room thermostats with vapor expansion

Room thermostats for ambient temperature control in heating systems, in civil and industrial cooling applications.



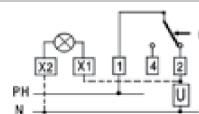
	Temperature regulation range °C	Differential K	Body admissible temperature °C	Contact rating	Protection degree
C16	10 ÷ 30	0,8	-10 ÷ 50	10(2,5)A 250Vca	IP20
C16 <input type="checkbox"/>	10 ÷ 30	0,8	-10 ÷ 50	10(2,5)A 250Vca	IP20

### CONTROL AND SIGNALLING VARIANTS

### CONNECTION EXAMPLES (hatched connections by the customer)

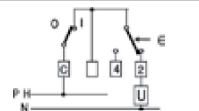
**L**

WITH SIGNALLING LIGHT



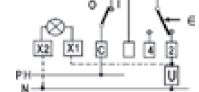
**I**

WITH ON-OFF SWITCH



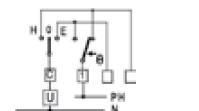
**IL**

WITH ON-OFF SWITCH AND SIGNALLING LIGHT



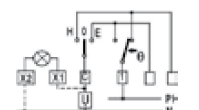
**EH**

WITH SUMMER-WINTER SWITCH



**EHL**

WITH SUMMER-WINTER SWITCH AND SIGNALLING LIGHT

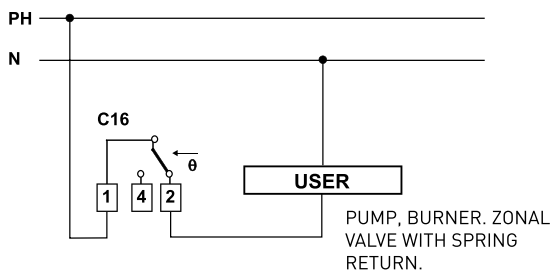


\*The differential value must be deducted from the range value. Differential values are referred to a thermal gradient of 4K/h.

## ELECTRICAL FEATURES

Snap action SPDT microswitch with AgNi contacts.  
Contact rating: 10(2,5)A 250 Vca.

### EXAMPLE OF ELECTRICAL WIRING

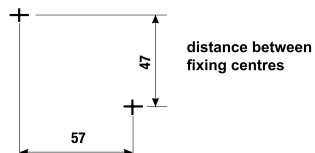


## HOMOLOGATION AND STANDARDS

Complies with EN 60730-2-9 standards.

## INSTALLATION

Wall mounting.



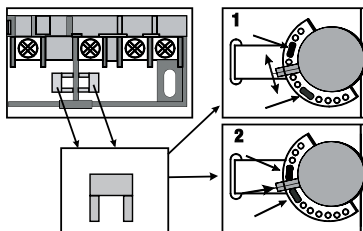
## OPERATION

When the temperature rises: 1-2 opens, 1-4 closes.

Vapor pressure operation.

The thermostat has 2 thermoplastic clamps, which allow blocking or limiting the scale range, for preventing damages, etc.

### SCALE RANGE BLOCKING OR LIMITATION



## FEATURES

Sensitive element with electrically welded stainless steel capsule containing saturated vapor.

Base, cover and knob in thermoplastic material.

Connection with the user with only 2 wires.

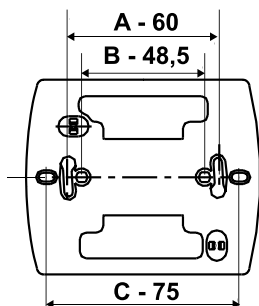
Action type 1B.

Protection class I.

Testing class II.

Unit weight 0,14 Kg.

## ACCESSORIES



### TC16

Frame for mounting on:

- A - 60 mm round box, fixing by means of screws.
- B - round box with staples (not supplied).
- C - round box, distance between axes 75 mm.