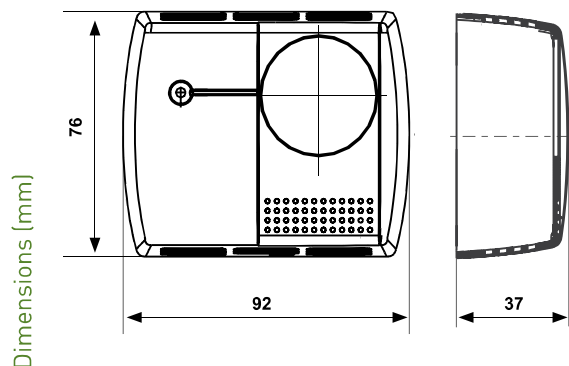


C16

Electromechanical room thermostats with vapor expansion

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



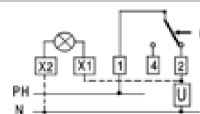
	Temperature regulation range °C	Differential K	Body admissible temperature °C	Contact rating	Protection degree
C16	10 ÷ 30	0,8	-10 ÷ 50	10(2,5)A 250Vca	IP20
C16 ☐	10 ÷ 30	0,8	-10 ÷ 50	10(2,5)A 250Vca	IP20

CONTROL AND SIGNALLING VARIANTS

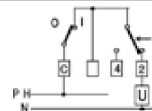
CONNECTION EXAMPLES (hatched connections by the customer)

☐ L

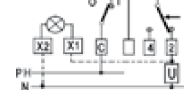
WITH SIGNALLING LIGHT


☐ I

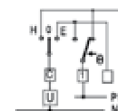
WITH ON-OFF SWITCH


☐ IL

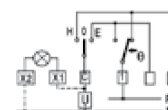
WITH ON-OFF SWITCH AND SIGNALLING LIGHT


☐ EH

WITH SUMMER-WINTER SWITCH


☐ EHL

WITH SUMMER-WINTER SWITCH AND SIGNALLING LIGHT

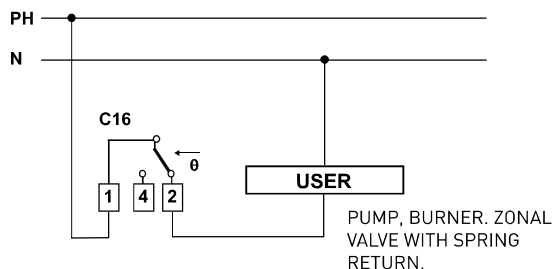


*The differential value must be deducted from the range value. Differential values are referred to a thermal gradient of 4K/h.

ELECTRICAL FEATURES

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

EXAMPLE OF ELECTRICAL WIRING

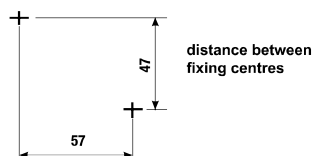


HOMOLOGATION AND STANDARDS

Complies with EN 60730-2-9 standards.

INSTALLATION

Wall mounting.



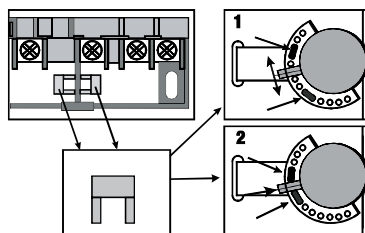
OPERATION

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.

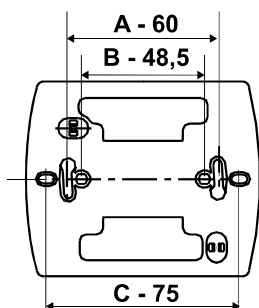
Action type 1B.

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.