

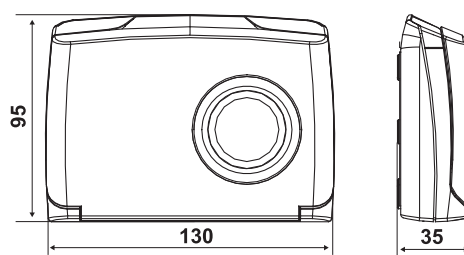
Intellitherm C32

Daily programmable thermostat with mechanical clock, with batteries

Electronic programmable thermostat with microprocessor, with daily programming, to control heating and air-conditioning installations.



Dimensions (mm)



	Comfort regulation range	Economy regulation range	Differential*	Preset antifreeze temperature	Body admissible temperature	Power supply	Contacts rating
C32	16 ÷ 34 °C	5 ÷ 23 °C	0,25 K	5 °C	45 °C	2 batterie AA 1,5 V	5(3)A 250Vac

* Differential values are referred to a thermal gradient of 4K/h.

ELECTRICAL CHARACTERISTICS

Contacts rating: 5(2)A 250Vac.

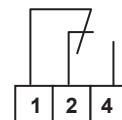
Type of action: 1BU (micro disconnection)

Voltage-free switching contact.

Power supply with two 1,5 V AA alkaline long life batteries without connection to the electric circuit.

double insulation.

Pulse voltage 4000 V.



HOMOLOGATION AND STANDARDS

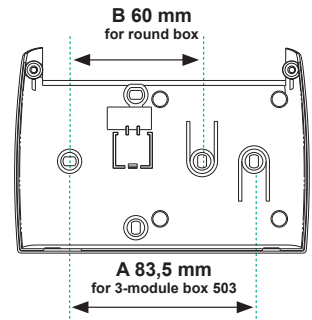
Complies with EN 60730-1 standards and following parts.

ErP classification: ErP Class IV; 2% [EU Reg. 811/2013 - 813/2013]



INSTALLATION

Intellitherm C32 is supplied with a base suitable for installation in embedded 3-module boxes or in round boxes for wall mounting.
Two-wire connection with the user.
Install the programmable thermostat at 1,5 meters above the floor, away from heat sources.



OPERATION

The programmable thermostat has:

- 2 knobs, one for COMFORT temperature regulation another for ECONOMY temperature.
- 1 cursor for choosing the operation mode: AUTO, COMFORT, ECONOMY and OFF.
- 1 cursor for choosing operation type: SUMMER or WINTER.

TIME SETTING

- It is carried out through the mechanical clock.
- Button and led used to verify batteries charge.
- Selecting the operation mode OFF/ANTIFREEZE, Intellitherm has the possibility to keep the fixed temperature of 5°C to protect the installation from frost danger, in the same time has the possibility to completely shutdown the system.






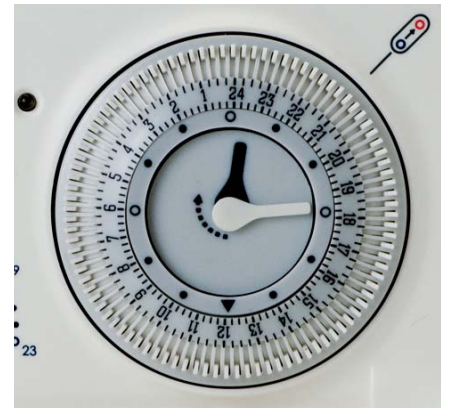
OPERATION MODES


Intellitherm C32 programmable thermostat has 4 operation modes:

AUTO

Combines the COMFORT and ECONOMY temperatures on certain time periods according to their needs. This is done using segments on the clock dial, a segment outside of the clock dial circle matches the time corresponding to the COMFORT temperature, and vice versa in the internal circle position indicates an ECONOMY temperature. Each segment corresponds to a time interval of 15 minutes.

-  **COMFORT**
keeps constant throughout the day the prescribed comfort temperature.
-  **ECONOMY**
keeps constant throughout the day the prescribed economy temperature.
-  **OFF/ANTIFREEZE**
keeps the temperature fixed in 5°C to protect the installation from frost danger.



ATTENTION, in the SUMMER operation mode  is performed only COMFORT adjustment, accordingly, the temperature set with ECONOMY knob doesn't influence the operation.

CHARACTERISTICS

Front cover for batteries extraction.

Protection degree IP20.

Pollution degree 2.

Test button to check battery charge status with led indication. Pressing the button, the thermostat starts the test phase, if the batteries have sufficient charge, the LED will remain active for a few seconds and then turns OFF; if the batteries have to be replaced the LED will start to flash quickly.

Dimensions 130 x 95 x 35 mm.