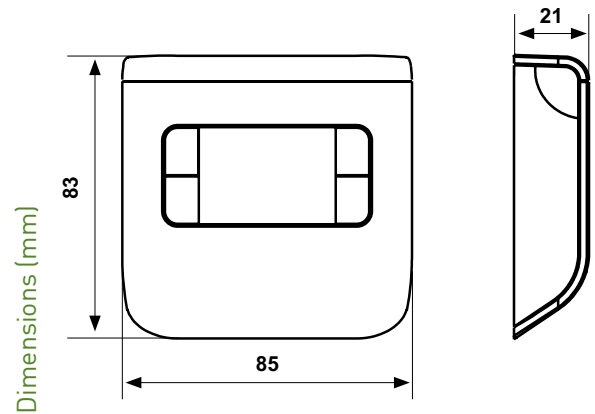# CH110
Electronic room thermostat with batteries, 3 temperature levels

Electronic room thermostat with microprocessor to control heating and air conditioning installations.

Dimensions (mm)

21

83

85

	Temperature regulation range °C	Differential* K	Body admissible temperature °C	Power supply	Contact rating	Protection degree
CH110 ☐	2 ÷ 40	± 0,5	-10 ÷ 50	2 batteries AAA	5(3)A 250Vca	IP20

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

☐ CH110 WHITE
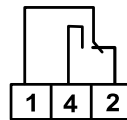☐ CH111 SILVER
■ CH112 ANTHRACITE

ELECTRICAL FEATURES

Power supply with two 1,5V AAA alkaline long life batteries.
Contact rating 5(3)A 250Vca.
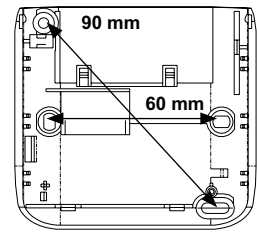Micro disconnection 1B.
Voltage-free switching contact.

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1   4   2
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HOMOLOGATION AND STANDARDS

Complies with EN 60730-2-9 standards.

INSTALLATION

Mounting on the wall or in round box with axle spacing of 60 mm.
Two-wire connection with the user.
No changes are necessary to the existing system.

OPERATION

When the temperature increases: 1-2 opens.

3 operation modes:
- COMFORT
- ECONOMY
- OFF

COMFORT and ECONOMY operation modes are selected through the key
OFF operation mode can be used as "antifreeze" mode or to shutdown completely the system (OFF).
OFF operation modes can be selected through the key

3 set temperatures:
- COMFORT
- ECONOMY
- OFF

COMFORT operates system's comfort temperature that can be set from 2°C to 40°C.
ECONOMY operates system's economy temperature that can be set from 2°C to 40°C.
OFF temperature set in the "regulation" mode from 0 to 7°C to ensure frost protection function.

SUMMER-WINTER control by pressing simultaneously the keys

FEATURES

Wide display with graphic icons combined with the frontal keys for choosing the operation mode.
Possibility to visualize Celsius or Fahrenheit temperature values.
Battery operation life over 2 years.
Low battery charge indication.
Maximum ambient temperature 45 °C.
Dimensions 85 x 83 x 21mm.