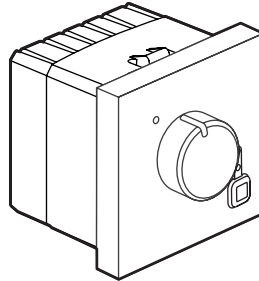


Mosaic™ Electronic room thermostat

Catalogue number: 0 767 20



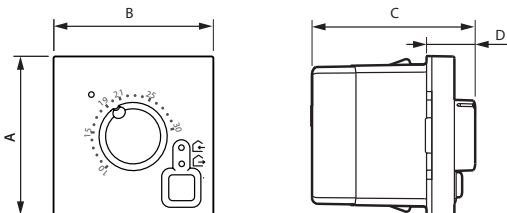
1. USE

Regulation control heating equipment or cooling system.
 Mechanisms to be equipped with finishes.

2. RANGE

| Description | Reference |
|---|-----------|
| Electronic room thermostat with sensor. | 0 767 20 |

3. OVERALL DIMENSIONS (mm)



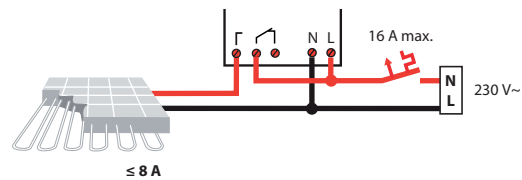
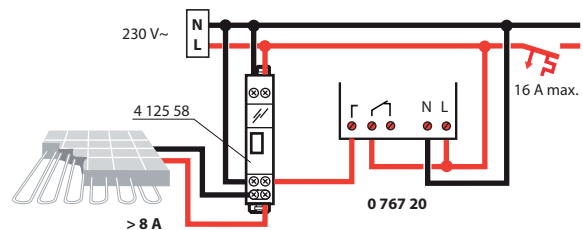
| A | B | C | D |
|----|----|------|----|
| 45 | 45 | 32.5 | 14 |

4. CONNECTION

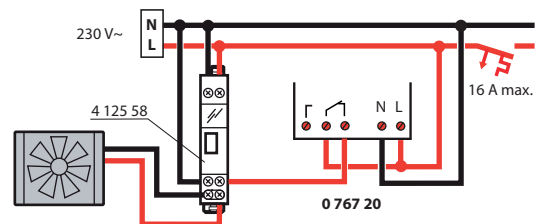
Number of terminals: 5
 Type of terminals: with screws
 Terminal capacity: 2 x 1.5 mm² flexible or rigid
 Stripping length: 6 mm
 Tool: flat screwdriver 3.5 mm

5. WIRING

Heating:



Cooling system:



Maximum operation distance: 50 m

Electronic room thermostat

6. FUNCTION

The thermostat (heating/cooling) is equipped with a temperature sensor and provides a changover relay switched depending on the ambient temperature.

The regulation is ensured by an algorithm with a pulse-width controlled output (0...100% thus ensuring a minimal temperature variation relative to the ambient temperature.

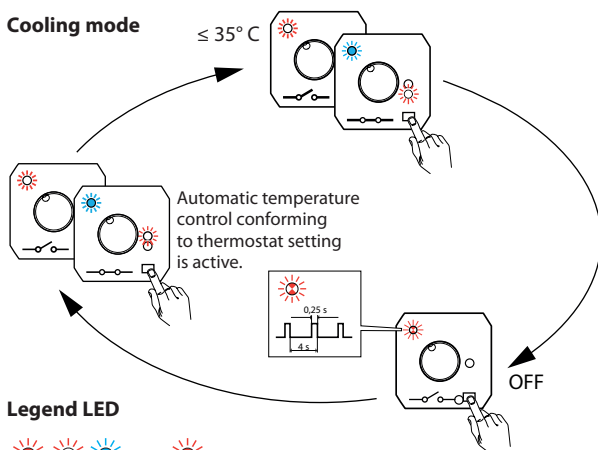
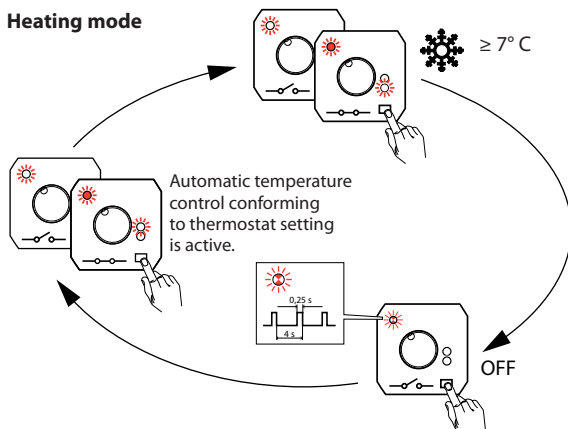
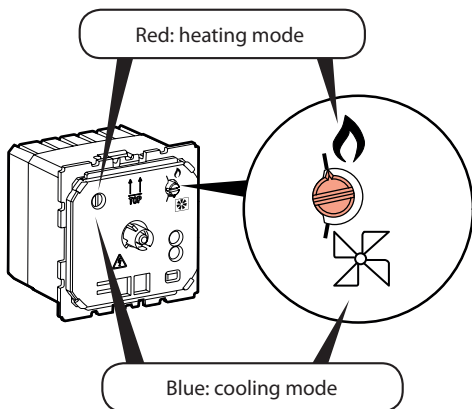
Setting range 10-30 °C by using the rotary knob.

A short press on the "select" button cycles between the modes comfort -> frost -> off -> comfort and so on.

A long press on the "select" button adjusts the brightness of the LEDs.

Regulation accuracy: < 0.5 °C for a conventional installation and maximum load of 8 A.

Heating/cooling change by rotating knob under the frontcover.



Legend LED



7. TECHNICAL CHARACTERISTICS

7.1 Index of protection

Protection against solid bodies and liquids: IP 21
Protection against impacts: IK 04

7.2 Material characteristics

Polycarbonate
Halogen free
UV resistant

Self extinguishing:

850 °C / 30 s for insulating parts holding live parts in place
650 °C / 30 s for other parts made of insulating materials

7.3 Electrical characteristics

Voltage: 230 V~
Current: 16 A
Frequency: 50/60 Hz

7.4 Climatic characteristics

Storage temperature: - 10 °C to + 70 °C
Cooling temperature: - 5 °C to + 40 °C

8. CLEANING

Clean the surface with a cloth.

Do not use acetone, tar-removing cleaning agents or trichloroethylene.

Resistance to the following cleaning substances:

Hexane (EN 60669-1), Methylated spirit, Soapy water, Diluted ammonia, Diluted pure bleach 10%, Glass cleaning product.

Caution: An initial test is required for the use of other special maintenance products.

9. STANDARDS AND APPROVALS

Compliance with standards of installation and manufacturing.
Refer to e. catalogue.