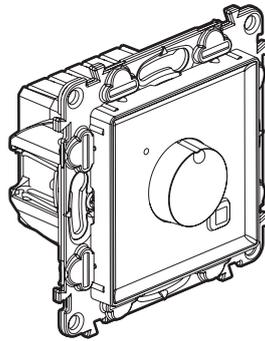


# Valena™ Life

## Electronic room thermostat

Cat. No(s): 7 521 33 - 7 522 33 - 7 523 33 - 7 563 33



### 1. USE

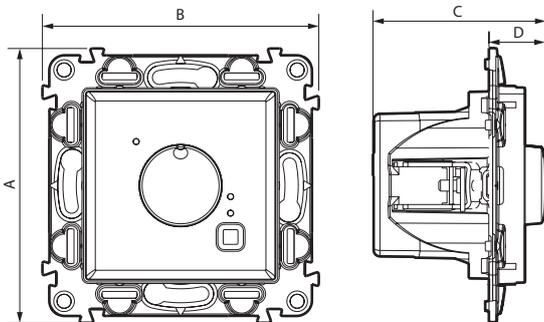
Regulation control heating equipment or cooling system.  
 Mechanisms to be equipped with finishes.

### 2. RANGE

Electronic room thermostat with sensor.

White	Ivory	Aluminium	Black
7 521 33	7 522 33	7 523 33	7 563 33

### 3. OVERALL DIMENSIONS (mm)



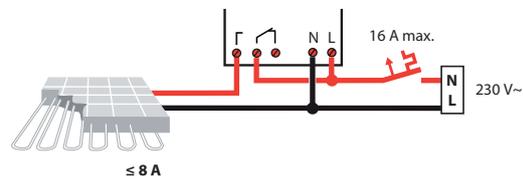
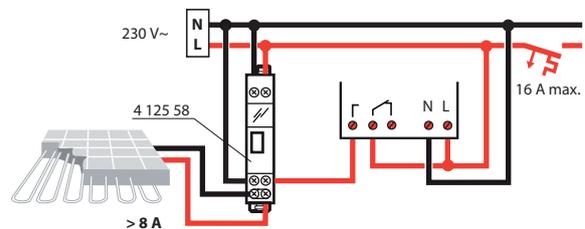
A	B	C	D
75	75	47	15.5

### 4. CONNECTION

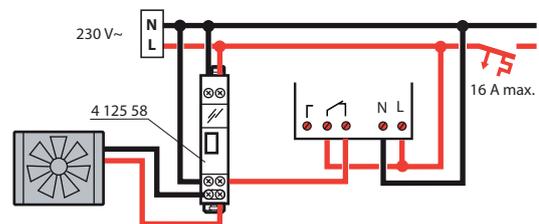
Number of terminals: 5  
 Type of terminals: with screws  
 Terminal capacity: 2 x 1.5 mm<sup>2</sup> flexible or rigid  
 Stripping length: 6 mm  
 Tool: flat screwdriver 3.5 mm

### 5. WIRING

#### Heating:



#### Cooling system:



Maximum operation distance: 50 m

**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.

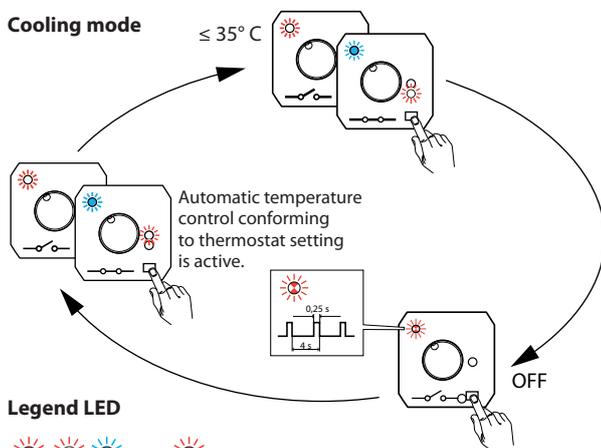
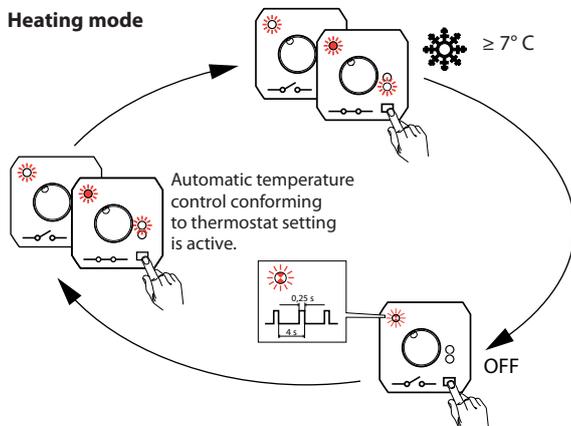
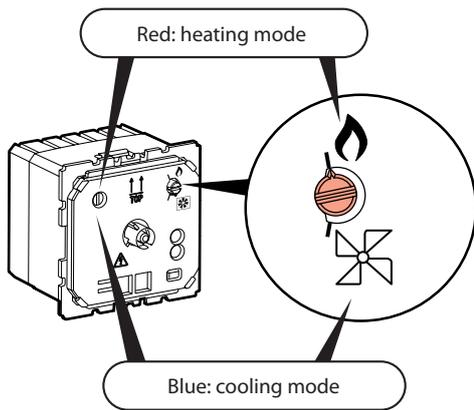
Setting range 10-30 °C by using the rotary knob.

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 Mechanical characteristics**

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 components holding live parts in place  
 650°C/30 s for other insulating components

■ **7.3 Electrical characteristics**

Voltage: 230 V~

Current: 16 A

Frequency: 50/60 Hz

■ **7.4 Climate 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:** Always test before using other special cleaning products.

**9. STANDARDS AND APPROVALS**

Compliant with installation and manufacturing standards.

Refer to e. catalogue.