



RTASC

## ELECTRONIC ROOM TEMPERATURE THERMOSTAT

Analog control for heating systems, wired transmission



### Overview

#### Main features

- Room temperature control
- Wired transmission of heating orders

#### Application

- Underfloor heating / cooling
- Electric radiator
- Forced air system

#### Product + points

- **Sober design**, suitable for traditional or contemporary interiors
- **Practical**: the product has a small footprint
- Assistance for the partially-sighted - raised reference points
- Excellent ergonomics when carrying out settings using the rotary knob

## Functional specifications

### Use

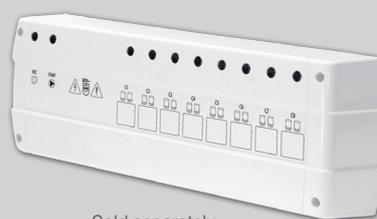


<b>Desired temperature</b>	Adjustable from +7°C to +30°C
<b>Frost protection</b>	Frost protection feature protects a home against freezing, by maintaining a temperature of about 8°C
<b>Child safety</b>	Rotary knob locking restricts changes of temperature settings, in respect of a minimum temperature, a maximum temperature or of a temperature range
<b>Heating on demand signal</b>	When ambient temperature is lower than temperature setpoint the light is On, when output relay switch

### Installation

**2 fitting options:** on a junction box or salient

Connection to thermoelectric actuators or wiring box dedicated to underfloor heating/cooling system



Wired 6 or 8 channel terminal block for underfloor heating/cooling system

Sold separately

# Technical specifications

## Dimensional and finish specifications

Height	91 mm
Width	84 mm
Depth	27 mm
Color	White RAL 9010
Net weight	0,066 Kg

## Power supply

Operating voltage	24VAC or 230VAC +/-10%, 50Hz
Typical power consumption	2.3mA
Output	24VAC or 230VAC +/- 10%, 50Hz, 0.7A max.
Connection	By means of clamp terminals for cables with 0.5 square mm to 1.5 square mm cross-sections

## Control

Control type	On/off
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## Environment

Protection rating	IP20
Class	Class II
Operating temperature	0°C to +40°C
Temperature setting range	+7°C to +30°C
Storage temperature	-10°C to +50°C
Max. humidity level	80 % at +25°C (without condensation)

Applicable directives	230V	24V
EMC	2004/108/EC	2004/108/EC
LVD	2006/95/EC	-
RoHS	2011/65/EU	2011/65/EU
DEEE	2012/19/EU	2012/19/EU

## Applicable standards

LVD	EN62311 ; EN60730-1 ; EN60730-2-9
EMC	EN60730-1 ; EN60730-2-9
RoHS	EN50581
Manufacturing	On certified site ISO 9001 V2008

# Product codes

Codes	References
RTASCIMHB	Wired analogue 230V thermostat, white, for 230V underfloor heating system
RTASCVIMHB	Wired analogue 24V thermostat, white, for 24V underfloor heating system

Product customization (design features) possible. Please contact us.