



RT0 RE



WIRED ELECTRONIC ROOM TEMPERATURE THERMOSTAT - PID CONTROL - DISPLAY WITH BACKLIGHT

Digital control of hydraulic heating

Overview

Main features

- Room temperature control
- Ambient temperature and desired temperature permanently displayed
- Heatup indicator and battery replacement

Application

- Boiler
- Underfloor heating

Product + points

- **Sober design**
- **PID control:** Allows more precise temperature control to provide comfort and energy savings
- **Easy to use:** one knob only for maximum ease of adjustment
- **Wide display screen,** White LCD with backlight for optimal readability
- **Ergonomic settings:** the knob allows precise adjustment

Functional specifications

Use



Desired temperature	Adjustable from +5°C to +30°C
Readability	Information is displayed on digits large enough to be easily readable
Change of batteries	No need to move the product or to use a tool to access to the dedicated area
Heating on demand indicator	Heating on demand indication

Installation

2 fitting options: on a junction box or salient

Easy connexion, using 2 wires only, in a large area, power supply of device is ensured by 2 provided batteries LR6 type

Can be adapted to a lot of installations thanks to it's output contact:

- Potential free contact
- Can be used in Normally Closed (NC) or Normally Open (NO) positions



Technical specifications

Dimensional and finish specifications

Height	95 mm
Width	120 mm
Depth	29.6 mm (without the wall base)
Color	White Ral 9016
Net weight	195 gr

Power supply

2 1.5V AAA / LR06 alkaline batteries	Battery life approximately 2 years
Relay output	1 potential free contact, μ 5(2) A 230V ~
Connexion of the relay output	By means of clamp terminals for cables with 1 square mm to 1.5 square mm cross-sections

Control

Control type	PID
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Environment

Protection rating	IP30
Class	Class II
Operating temperature	0°C to +40°C
Temperature setting range	+5°C to +30°C
Storage temperature	-10°C to +60°C
Max. humidity level	80% at +25°C (without condensation)

Applicable directives

EMC	2014/30/EU
LVD	2014/35/EU
RoHS	RoHS 2011/65/EU, amended by Directives 2015/863/EU and 2017/2102/EU

Applicable standards

LVD	EN60730-1 ; EN60730-2-9 ; EN62311
EMC	EN60730-1 ; EN60730-2-9
RoHS	EN IEC 63000

Product codes

Codes

References

RTE0B	Wired electronic room temperature thermostat PID control and backlight
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Product customization (design features) possible. Please contact us.