Room thermostat RT 10 D-230 C S

Part no. 86064

Room thermostat

benefits

- easy mounting on standard in-wall switch boxes
- 230 V version
- clear display with heating, cooling and request indicator
- Timer programs can be stored
- suitable for heating and cooling

NEW

Application

Determination of the actual ambient temperature and adjustment of the reference value for the room temperature for use in water-based underfloor heating systems, in heating and cooling applications.

Description

The room thermostat RT 10 D-230 C is used in water-based underfloor heating systems in conjunction with thermostatic actuators and/or controller terminal bars (e.g. CosiTherm® Basic WB 10 D-8-230 and WB 01 D). Each room thermostat measures the actual ambient temperature and switches the output to obtain the required reference temperature. The reference value for the room temperature is adjusted by means of the keys. The actual temperature in rooms with an underfloor heating system is compared to the reference temperature on an ongoing basis. In addition to the reference temperature, you can store timer programs (e.g. Day/Night/Heating/Cooling). The display shows values such as temperature, time, heating and cooling mode. Switching between heating and cooling is done either directly on the device or centrally via a potential-free collective contact.
An additional NTC temperature probe can be connected to the RT room thermostat (not included in scope of delivery) which can be used as a floor temperature sensor or as an alternative room temperature sensor, depending on the configuration. Frost protection functions and screed temperature protection functions can also be configured.

Technical Specifications

Programs
- for heating and cooling, respectively
- Adjustable for 5 + 2 or 6 + 1 or 7 days

Operating temperature range
Ambient: 5/60 °C
Storage: 5/60 °C

Temperature adjustment range
5/35 °C
Accuracy: ± 0.5 K

Supply voltage
AC 230 V

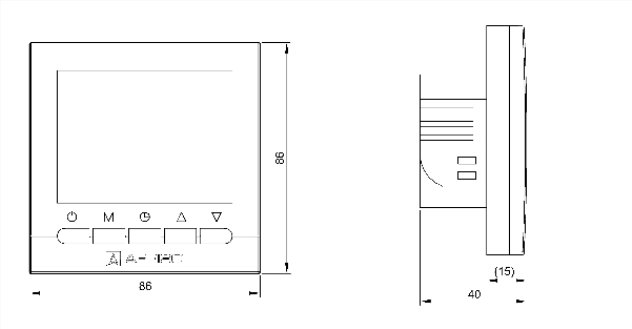
Contact rating
max. AC 250 V, 3 A

Housing
Plastic (PC)
Colour: black (RAL 9004)
W x H x D: 86 x 86 x 40 mm
Degree of protection: IP 20 (EN 60529)

Weight
165 g

Scope of delivery
- Room thermostat RT 10 D-230 C S

Technical Drawings



Dimensions (mm)

Versions

		Part no.
Room thermostat RT 10 D-230 C S	●	86064

● in-stock items

○ Non-stock items