

Smart Wifi thermostat for electric underfloor heating, 16A

Product codes:

Reference: AM2678

EAN13: -

UPC: -



Product features:

Voltage: 95-240 V AC

Power consumption: 1,5 W

Waterproof grade: IP20

Max. load: 16 A

Accuracy: ± 0.1 °C

Product attributes:

Color: White, Black

Product description:

Smart WiFi thermostat with rotary control is designed to control electric underfloor heating. It allows you to set the temperature directly on the device and remotely via a mobile application. The design with a circular display shows the current temperature and heating status. The thermostat is suitable for installation in homes, offices and other interior spaces with standard electrical installations.

Technical specifications

- Heating system type: electric underfloor heating
 - Supply voltage: 95-240V AC, 50-60Hz
 - Maximum relay load: 16 A
 - Temperature setting range: 5-35°C
 - Temperature measurement range: 5-99 °C
 - Control accuracy: ± 1 °C
 - Thermostat power consumption: 1.5 W
 - Control type: rotary knob
 - Temperature sensor: internal + external NTC sensor
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- Protection: IP20
- Material: flame retardant PC plastic
- Front panel dimensions: 86 × 86 mm
- Installation depth: 41 mm
- Dimensions of the installation part: 60 × 50 mm
- Weight: 261g
- Color options: white, black

Functions and features

- Built-in WiFi module for remote control via mobile app
- Color display showing current temperature and heating status
- Rotary knob for direct and quick adjustment
- Support for external floor temperature sensor
- Switching capacity 16 A for electric heating circuits
- Installation in standard electrical installation boxes
- Design suitable for integration into smart home systems with WiFi control

Ideal for

- Electric underfloor heating in bathrooms
- Electric underfloor heating in living rooms
- Apartments and family houses
- Offices and hotel rooms
- Reconstruction and new installations

Package contents

- WiFi thermostat 16 A
- External floor temperature sensor NTC
- Mounting accessories

Why choose this product?

- Designed for direct control of electric underfloor heating with a load of up to 16 A
- Combination of local control and remote access via WiFi
- Support for internal and external temperature measurement
- Control accuracy ± 1 °C
- The construction dimensions correspond to common installation boxes in the EU
- Available in two color options to match your interior

Installation and operating instructions

- The thermostat is designed for fixed installation in an electrical installation box.
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- For proper regulation of underfloor heating, connect an external NTC sensor according to the product specification.
- Before commissioning, check that the current load of the heating circuit does not exceed 16 A.
- Install the device only in a dry indoor environment within the IP20 protection range.

Safety notice

- The device operates with a voltage of 95–240 V AC. The power circuit must be disconnected from the mains before assembly or disassembly.
- Installation and connection should be carried out by a qualified person.
- Incorrect wiring may cause electric shock, short circuit or damage to the thermostat and heating circuit.
- Do not exceed the maximum relay load of 16 A.
- The thermostat is not intended for outdoor use or in environments with increased humidity without adequate protection.

Product gallery:

