Wall Thermostat with switching output – for brand switches, 24 V

Product ref.: 150697A0

Product features

- Individual control of 24 V valve drives for floor heating systems via triac output in accordance with the defined heating profiles
- By replacing the existing wall thermostats, conventional floor heating systems can be easily upgraded to an intelligently controlled regulation of the room climate via smartphone
- Measurement and display of setpoint and actual temperature as well as humidity on a large, illuminated display
- Up to 6 adjustable heating profiles (3x heating, 3x cooling), each with 6 heating phases and 13 switching times per day ensure demand-based heating control
- Manual adjustment of setpoint temperature (to the nearest 0.5 °C) via control wheel
- Easy to install into an existing flush-mounted box
- Integration into multi-gang frames or frames of other manufacturers (Berker, ELSO, Gira, Merten, JUNG)
- Comfortable and individual voice control (e.g. via Amazon Alexa or Google Assistant)
- Setup and configuration of floor heating actuators is possible also directly via the wall thermostat (without Homematic IP Access Point or Homematic CCU2)
- Can be used with the Access Point in connection with the Homematic IP app (no recurring costs), the Homematic Central Control Unit CCU2 as well as with various partner solutions

Technical specifications

Supply voltage	24 V/50 Hz
Current consumption	1 A max.
Max. switching capacity	24 W
Degree of protection	IP20
Load type	ohmic load
Cable type and cross section	rigid and flexible cable, 0.75 - 1.50 mm²
Installation	only in normal commercial switch boxes (device boxes) in accordance with DIN 49073-1
Ambient temperature (operation)	0 to 50 °C
Dimensions (W x H x D)	Without frame: 55 x 55 x 54 mm Incl. frame: 86 x 86 x 54 mm
Weight	118 g
Radio frequency band	868.0-868.6 MHz 869.4-868.65 MHz
Typ. open area RF range	160 m

Logistical data

Product reference	150697A0
EAN code	4047976506972
Short description	HmIP-BWTH24
Packing unit	60
Packing dimensions	122 x 112 x 73 mm
Weight incl. packaging	226,6 g

Package contents

Homematic IP Wall Thermostat with switching output – for brand switches, 24 V
Clip-on frame
Voltage supply unit
Screws 3.2 x 15 mm (2x)
Screws 3.2 x 25 mm (2x)
User manual