

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
- Individual temperature profiles with up to 13 changes per day in 3 or 6 adjustable heating profiles (3x heating/ 3x cooling)
- Manual adjustment of setpoint temperature (to the nearest 0.5 °C) via control wheel
- Easy to install into an existing flush-mounted box
- Easy to integrate into existing switches for 55 mm frames of leading manufacturers: Berker, Busch-Jaeger, GIRA, Merten, JUNG, Kopp and ELSO
- Comfortable and individual voice control (e.g. via Amazon Alexa or Google Assistant)
- For operation, one of the following solutions is required:
 - Stand-alone (without Access Point or Central Control Unit, configuration directly at the wall thermostat)
 - Homematic IP Access Point with free smartphone app and free cloud service
 - Central Control Unit CCU2/CCU3 with local user interface WebUI
 - Third-party solutions of partners

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 mm ²
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 869.4-869.65 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