Wall Thermostat with switching output – for brand switches
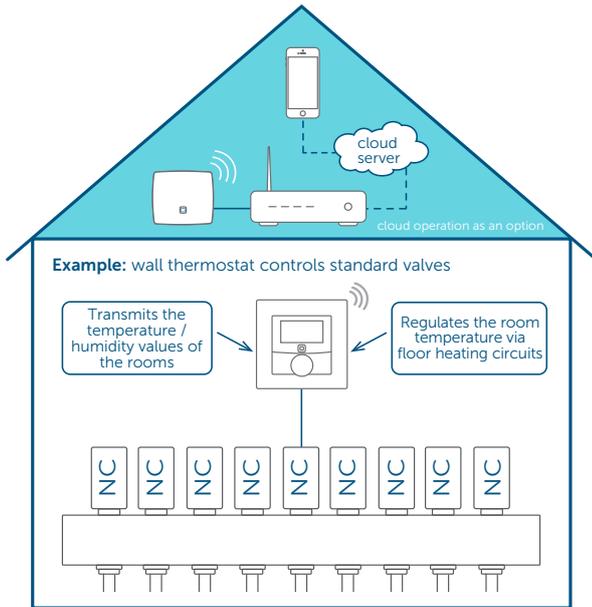
HmIP-BWTH | HmIP-BWTH24

The wall thermostat provides for intelligent control of the temperature in a room – via the control wheel or smartphone app. Several floor heating circuits or radiator thermostats can be controlled in one room. The current temperature and humidity are displayed via the illuminated LC display.

Available for 230 V and 24 V

homematic IP

Smart Living, Simply Exciting.

Example: wall thermostat controls standard valves

Transmits the temperature / humidity values of the rooms

Regulates the room temperature via floor heating circuits

cloud server

cloud operation as an option

INTELLIGENT CONTROL

Individual temperature profiles can easily be created via the app – with up to 3 configurable heating profiles and 13 changes per day. The temperature is regulated automatically and heating is only carried out if necessary.

The temperature can be precisely adjusted in steps of 0.5 °C using the control wheel. With the boost function, the room can be heated up quickly at the push of a button.

ALWAYS HAVE THE TEMPERATURE IN SIGHT

Measures the temperature and humidity and constantly transmits the data to the radiator thermostats in the room as well as to the Homematic IP app. That way, the actual temperature and humidity in each room are visible via the app at any time.

EASY AND SMART RETROFITTING

Conventional wall thermostats in an existing installation can easily be replaced by the Homematic IP Wall Thermostat. The Homematic IP Wall Thermostat is installed on a free flush-mounted box and controls conventional 230 V or 24 V valve drives of the floor heating system. In this way, your floor heating becomes smart in no time and can be individually controlled via the Homematic IP app.

Alternatively, the wall thermostat can also be used to control the room temperature in combination with Homematic IP Radiator Thermostats, Floor Heating Actuators or Switch Actuators (for electric radiators).

MODULAR DESIGN FOR HIGH FLEXIBILITY

Thanks to its design, which can be flexibly combined, the wall thermostat can be integrated into existing switch series (with 55 mm frame size) of the most common manufacturers (an overview of compatible manufacturers is available at www.homematic-ip.com).

COMFORT TEMPERATURE AT ALL TIMES

The room temperature is controlled according to the individual needs of the user: directly on the device using the control wheel, via app, whether at home or on the road, or even via voice control (with Amazon Alexa or Google Assistant).

Operation requires connection to one of the following solutions:
- Stand-alone in connection with a wireless floor heating actuator (without Access Point or CCU2/CCU3, configuration directly via wall thermostat)
- Homematic IP Access Point with free smartphone app and free cloud service
- Central Control Unit CCU2/CCU3 with the local user interface WebUI
- Third-party solutions of partners

TECHNICAL SPECIFICATIONS

Supply voltage	230 V/50 Hz	24 V/50 Hz
Max. switching capacity	1 A	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	0 to 50 °C
Dimensions (W x H x D)	
Without frame:	55 x 55 x 54 mm
Including frame:	86 x 86 x 54 mm
Weight	136 g
Radio frequency band	868.0-868.6 MHz 869.4-869.65 MHz
Typ. open area RF range	130 m	160 m

LOGISTICAL DATA

Version	230 V	24 V
Product reference	150628A0	150697A0
EAN code	4047976506286	4047976506972
Short description	HmIP-BWTH	HmIP-BWTH24
Packing unit	60	60
Packing dimensions	122 x 112 x 73 mm	122 x 112 x 73 mm
Weight incl. packaging	241.2 g	226.6 g

PACKAGE CONTENTS

Homematic IP Wall Thermostat with switching output – for brand switches

Clip-on frame and voltage supply unit

Mounting accessories

User manual