

# Smart living, simply comfortable

Product Catalogue



homematic 



# Welcome

to the world of  
**homematic** <sup>IP</sup>

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08 | Central control units, Access Point and app

18 | Starter sets

22 | Basic products

26 | Heating and climate control

36 | Floor heating control

42 | Security and alarms

48 | Light

54 | Shade

58 | Access

62 | Switching and metering

68 | Actuators and adapters for brand switches

72 | Weather and environment

78 | Remote controls and buttons

84 | Accessories

88 | Wireless devices for the DIN rail

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► **For technical requests and questions**  
please use our contact form:  
[www.homematic-ip.com/en/contact](http://www.homematic-ip.com/en/contact)

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Homematic IP offers a smart solution for automating applications in daily use to suit your specific needs.

THE SMART HOME SYSTEM

# Homematic IP

## One system for the entire home

Whether you are a tenant or home owner, building a new home or renovating – Homematic IP offers the right solution for everyone who wants to make their life easier with an intelligent home. Homematic IP is the smart home system from the European market leader\* eQ-3 and, with more than 80 products and a wide range of functions, leaves no wish unfulfilled.

**Do you want to save energy costs but don't want to sacrifice comfort?** Do you want your lighting to always provide the right ambience and want to go to bed at night with a feeling of security? **All the devices and functions in the areas of climate control, security, light and shade, energy management, access, and weather can be combined flexibly to create more security, comfort and time savings in your everyday life.**

The components needed to make this possible can be connected wirelessly. Wireless communication, for example, is the ideal solution for turning your home into a smart home. The robust and reliable Homematic IP wireless protocol uses a frequency of 868 MHz, so interference caused by WiFi, Bluetooth and other wireless standards in the 2.4 GHz range is eliminated.

**The Internet of things is a reality with Homematic IP** – each device has its own IP address according to the latest Internet standard, IPv6. This means you are well equipped for the future, because the devices can already be accessed directly via the Internet. Data protection and security have the highest priority. **Homematic IP is the first smart home system whose protocol, IT security and data security has been certified by VDE.**





## Smart living, simply comfortable

Individually configured by you

Would you like to turn your home into a smart home with almost unlimited possibilities that you can configure individually and also set up yourself? If so, Homematic IP is ideal for you, because you are choosing a system with a huge range of products to make your everyday life more comfortable, more secure and, most importantly, Smart. And best of all: you will not only save time, but also energy costs.

"Time-consuming, expensive and complicated" is a thing of the past – with Homematic IP, you can configure your systems, even the more complex automations, via our free app. You do not have to compromise on data security either. We do not collect any personal data, only the IP addresses, and our servers are located in Germany. Homematic IP features easy installation, easy configuration, and easy extensions.

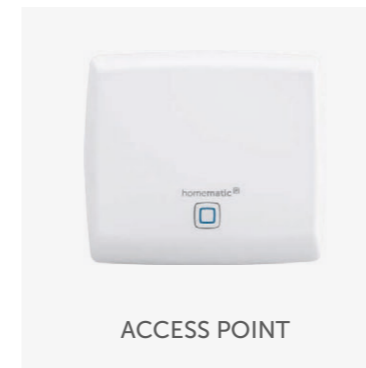
### Welcome to your smart life

A smart home that switches on the lights when you enter, preheats the rooms to a comfortable 22°C and lowers the shutters at the touch of a button. A few years ago, these scenarios would have been considered to be a complex vision of the future. Today, the real challenge lies in finding the best way to enter into the smart home world, due to the multitude of different systems and products available. Homematic IP is the answer.

As a comprehensive and modern plug-and-play system, Homematic IP can also be installed easily in already existing properties. And all this at a very good price-performance ratio.

Our basic products and field-specific starter sets are perfect for getting started. Divided into different fields that cover comprehensive home automation, they are perfect for starting your journey towards intelligent living.

#### CENTRAL CONTROL UNIT



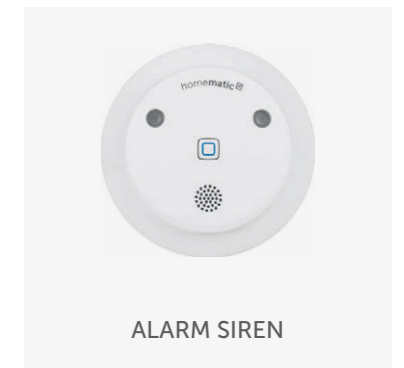
ACCESS POINT

#### HEATING AND CLIMATE CONTROL



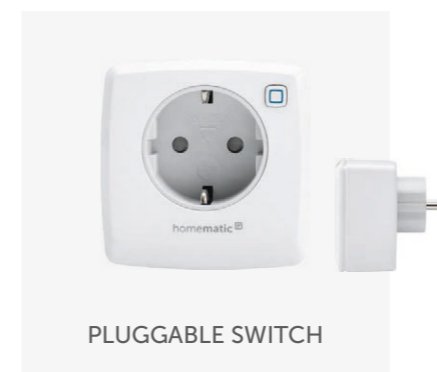
RADIATOR THERMOSTAT

#### SECURITY AND ALARMS



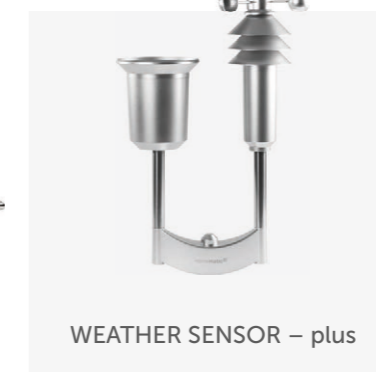
ALARM SIREN

#### LIGHT AND SHADE



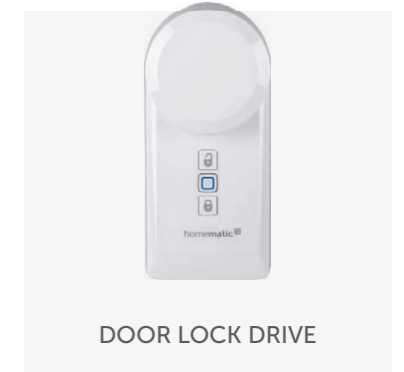
PLUGGABLE SWITCH

#### WEATHER



WEATHER SENSOR – plus

#### ACCESS



DOOR LOCK DRIVE





Many paths lead to your personal smart home. Choose our Access Point for an easy introduction to smart living. Or opt for the future-orientated Home Control Unit with which you can even integrate heat pumps, wallboxes and inverters into the Homematic IP system.

FOR BEGINNERS AND PROFESSIONALS

## Central control units, Access Point and app

The basis of your smart home system



The Homematic IP Access Point is the central gateway of the Homematic IP smart home system. It is simply connected to your conventional router and connects the Homematic IP Cloud located in Germany with the Homematic IP devices in your own home – fully encrypted.

Once the Access Point is connected to the Internet, you can access all functions via the free smartphone app. **The intuitive app provides a clear overview of all conceivable functions.** New devices can also be paired via the app in just a few steps.

The Homematic IP Home Control Unit makes the smart home more convenient, flexible and secure than ever before. You decide whether you want to operate your smart home purely locally or whether you want to connect to the secure Homematic IP cloud servers for extended convenience functions. Even in offline mode, you don't have to do without convenient control via the Homematic IP app.

With the EEBus interface, the control unit is ideal for integrating controllable appliances such as heat pumps, air conditioning systems and wallboxes into the smart home. In addition to monitoring the individual devices, control of the devices integrated via EEBus will also be realised in the future. This makes energy management in the home really smart.

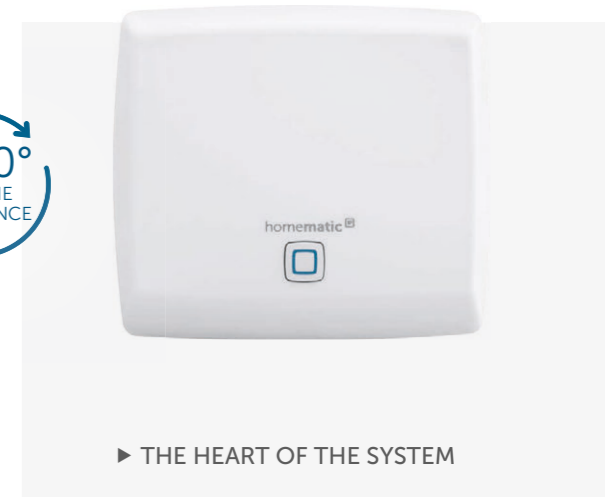




Article no.  
140887A0

**HAP | ACCESS POINT**

- ▶ Connects your smartphone to all Homematic IP devices via the Homematic IP cloud
- ▶ No personal data collected, just the IP address – with a secure server location in Germany
- ▶ Free cloud use
- ▶ Easy set up with intuitive user guide
- ▶ Convenient control via voice command and on the go



▶ THE HEART OF THE SYSTEM

UK version (article no. 151411A0) available on request



▶ THE INTELLIGENT ONE

**HCU1 | HOME CONTROL UNIT**

Article no.  
160322A0



▶ Powerful control unit for even more flexible and convenient control of your intelligent home

- ▶ Online and offline mode possible: Operation either purely locally or via connection to the secure Homematic IP cloud servers
- ▶ Local data backup: All settings, measurement data and automations are saved directly in the control unit and in the connected Homematic IP devices.
- ▶ EEBus interface for connecting inverters, heat pumps, wallboxes and more



**HCU1-A | HOME CONTROL UNIT, anthracite**

Article no.  
160692A0



Article no.  
160275A0

**HAP-A | ACCESS POINT, anthracite**



## OPEN SYSTEM

### ALSO OPEN FOR OTHER SMART PRODUCTS AND SERVICES

Homematic IP is also compatible with many devices and services from other manufacturers. This offers almost endless possibilities and functions for your smart home. **You can also control your Homematic IP smart home very conveniently by voice command** with the Amazon Alexa and Google Assistant voice assistants. In addition, you can also connect the well-known lighting system – **Philips Hue** – with Homematic IP. Add RGBW LEDs or lamps from Philips Hue to the Homematic IP app and control numerous functions and devices in your smart home with the Homematic IP Buttons and Remote Controls.







## HOME SCREEN

You will never lose track here! The home screen of the Homematic IP app is clearly designed and adapts automatically to your requirements. When you extend your system by adding devices, the app will unlock new functions for you. Let's start with the basic setup: Each newly created room that you add to your installation is automatically set up and displayed. This enables you to navigate to a detailed room overview, where you will find additional operating and configuration options.

The home screen features two different display options, a list view and a tile view, which can be tailored to your needs using a button. In the tile view, each created room is displayed centrally and can be assigned with up to four favourites individually. The list view shows the rooms individually one below the other. Here, several rooms can be clearly presented in the home screen simultaneously.

To ensure you can access your favourite functions quickly and easily, you will find up to four quick access and info buttons for system-wide functions. These adapt automatically, depending on how you extend your system. You can set the heating mode, switch on the alarm mode, and view weather data here. Furthermore, you can see at a glance whether all your windows are closed. If one of your windows is open, the app will also display in which room this is in the detailed view.

You will find the "Groups" and "More" menu items in the bottom part of home screen. The "Groups" menu item enables you to manage and operate groups quickly and easily. You will find our main menu under "More".

# The Homematic IP app

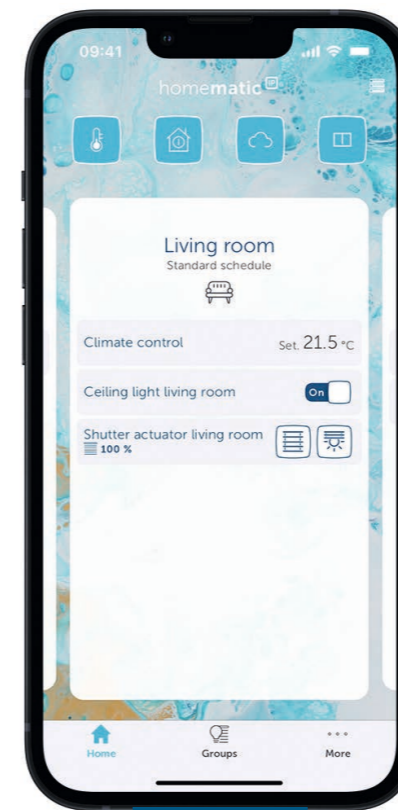
## Free, intuitive and clear!

You think a smart home is too complicated? It doesn't have to be! With the Homematic IP app, you hold your whole home in your hand. From the initial setup to daily operation. With the Homematic IP smartphone app, even complex applications can be completed in a few minutes. Once connected to the Homematic IP Access Point, the app becomes the smart hub for your installation. You operate your smart home and make all the configurations via the app, regardless of whether you are at home or on the go. Here, we will provide you with an overview of the key functions.

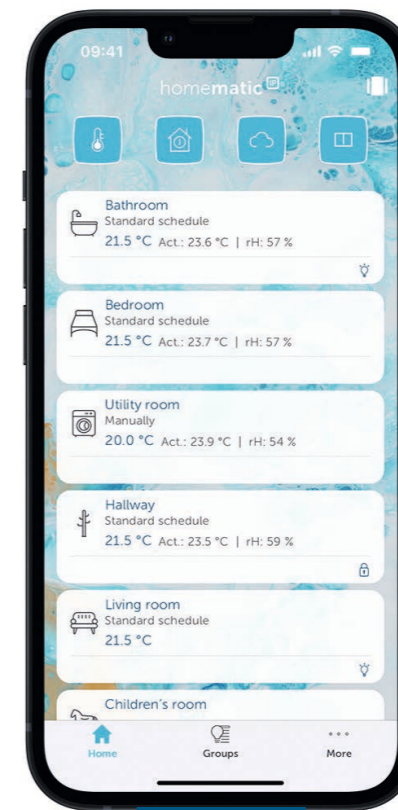


### YOUR ENTIRE SMART HOME IN ONE APP!

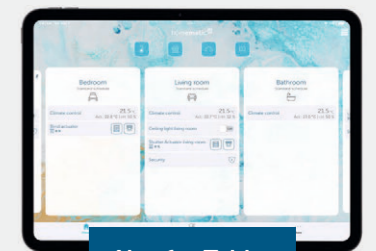
The free Homematic IP app is available to download in the Apple App Store and in the Google Play store.



TILE VIEW



LIST VIEW



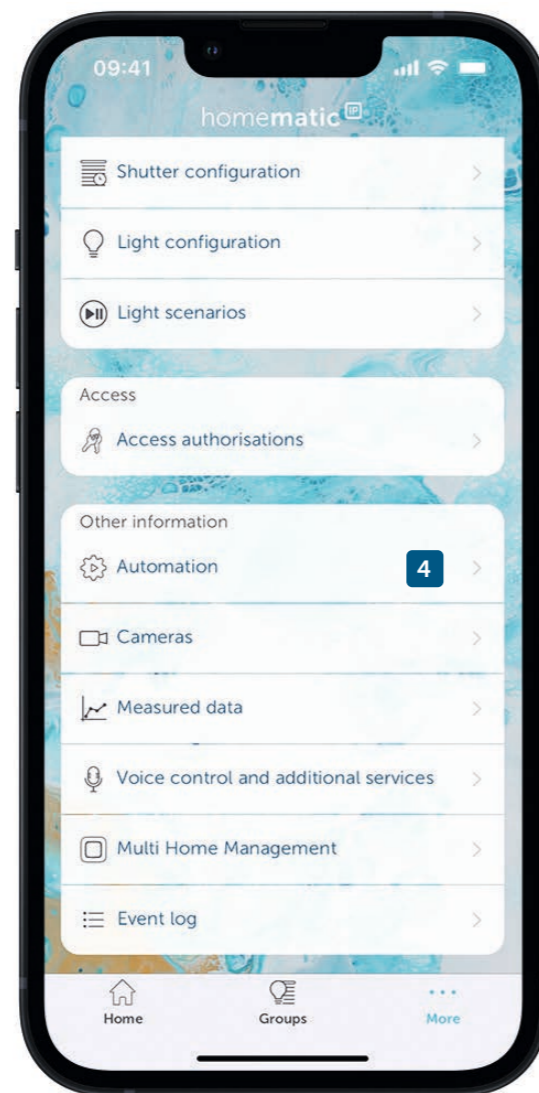
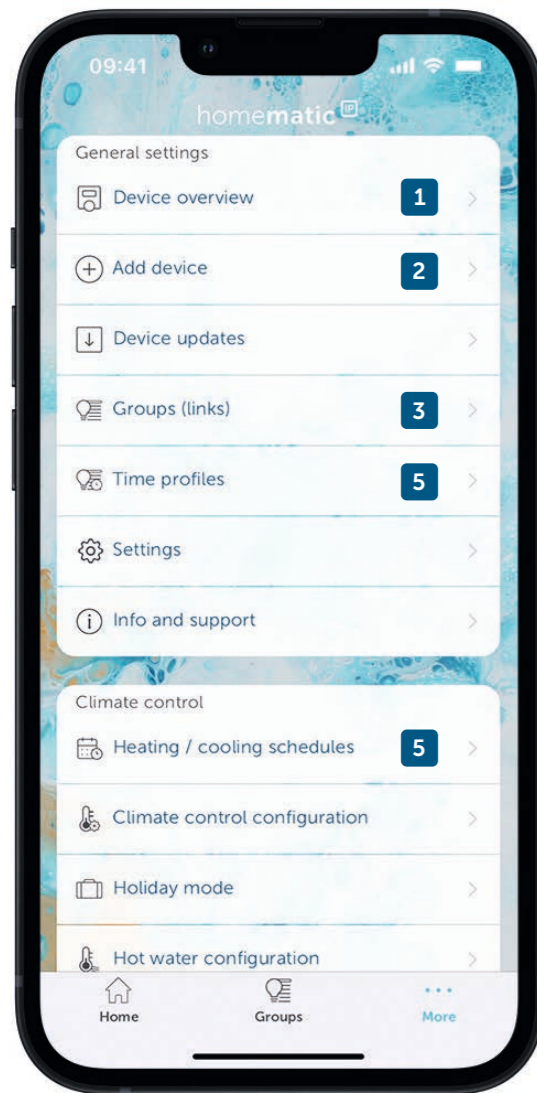
Also for Tablet



Now also with dark mode



AN OVERVIEW OF THE APP



THE MAIN MENU

We also ensure clarity in the main menu. This menu extends automatically when you add more products and functions to your system, ensuring that you always have the function you need in view. You will find specific configuration options for the overall system here. We will explain the most important to you in the following section.

1 DEVICE OVERVIEW

Naturally, we want you to keep track of everything. You can display all your paired devices in the device overview. When you select a device, you will see which special configuration options are available for it. Here, you can also change the name of the device or to which room it is assigned, for example.

2 ADD DEVICE

In this area you can add new devices to your installation at any time – quickly and easily.

3 GROUPS

Would you like to link a motion detector to an actuator? No problem! The actuator can be configured such that it only switches or is set to a specific dimming value when the brightness in the room falls below a set value.

Our smart Groups area makes all of this easy. Here you can link devices such as hand-held remote controls and switching actuators intuitively. And best of all: You remain completely independent of an internet connection. This is because our devices are linked directly via such a group and therefore communicate with each other without any detours. You can set up most of your smart home functions in our Groups area. All of this also works with several actuators at the same time – simply smart.

4 AUTOMATION

Are the Group functions not enough for you because you also want to include time ranges or an alarm mode state in a scenario? Then go one step further and use our Automation functions. These are smart programs that are controlled via the intelligence of our Homematic IP Cloud. However, be careful with these functions and only use them in really complex cases, because an Internet connection is required to operate these automation functions.

5 PROFILES

In addition to linking devices, your Homematic IP system features a whole range of options for automating processes in your smart home. **For this purpose, individual time profiles can be created for controlling the room temperature as well as for controlling lighting and shading elements.**

You can use **heating profiles** to ensure that you are greeted by a bathroom that has already been warmed up to your preferred temperature in the morning. And, when you come home from work in the evening, you can be welcomed into your home by a living room pre-warmed to the perfect temperature.

By setting **time profiles for roller shutters, blinds, and switching and dimming actuators**, lights can be switched on and off and roller shutters, awnings and blinds can be positioned fully automatically. And, of course, you can also specify the brightness values, dimmer switch-on ramp times, shutter heights, and blind slat angles.

Our time profiles do not just include controlling your smart home at specified times, but also include the **Astro function**. Based on the location of your smart home set in the app, the Astro function calculates the sunrise and sunset times. It's super smart: once configured, the profiles are saved directly on the devices, so again you do not have to rely on an Internet connection here, either.



TOTAL CONTROL: USER RIGHTS MANAGEMENT

The user rights management function is ideal for all Homematic IP installations in which several smartphones are registered. The basis of this new function is in dividing users into three roles: Administrator, normal user, and limited user. The user rights management function is optional, and can be activated in the Homematic IP app settings. The person activating the function automatically becomes the administrator, and must specify an administrator PIN. In addition, they will receive a unique recovery key, which must be kept in a safe place. The administrator can now assign additional user roles. Upon activation, any users already registered in the installation will initially be assigned the role of normal user.





### PERSONALISED PUSH NOTIFICATIONS

You can also be kept up to date via push notifications on your smartphone. For example, if a window is still open at 10 o'clock at night. You can easily specify when and for what you want to receive push notifications using the Homematic IP app.



### VISUALISE MEASUREMENT DATA EASILY

How quickly does the room temperature drop when you turn down the heating? How much rain was there last week? Knowing more about your home helps you to fine-tune the controls with smart technology. The Homematic IP app enables users to read out a variety of different measurement data regarding their smart home and display it in clear diagrams – this data includes weather data, room temperatures, and the switching state of various actuators. As well as visualising the data in the app, it can also be exported.



The measurement data can be displayed in both landscape and portrait format.

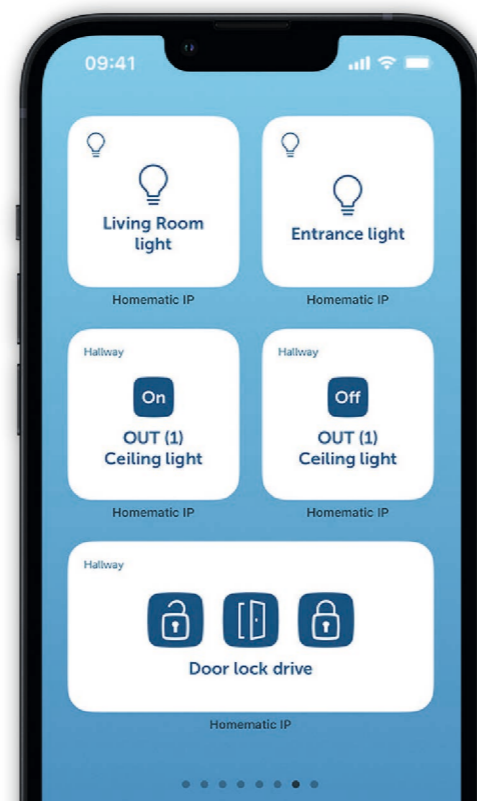
### INSTALLATION REPORT

At the tap of a button, the Homematic IP app will generate comprehensive documentation of the current system data including an overview of the connected devices, the settings and more. The document is generated as a PDF file and is intended to be your personal overview, but can also be issued to customers.



## Faster and more direct with widgets

You can control certain Homematic IP components directly from the home screen of your smartphone with active widgets. For example, locking and unlocking a door and switching lights on and off. With passive widgets, you can jump quickly from the home screen to a specific room or function. The widgets are available in both light and dark designs for iOS and Android.



**EZVIZ**

### EZVIZ – OUR PARTNER IN THE FIELD OF CAMERAS

You can also integrate a camera from our partner EZVIZ into your Homematic IP smart home. This means you can always have an eye on your home while out and about. EZVIZ has a range of more than 120 camera models and a comprehensive selection of video surveillance accessories – the right camera for any requirement.





The journey to your own smart home could not be easier. Our starter sets enable you to enter into the world of Homematic IP – very easily, and with a set up tailored by and to you. You have taken the first step and can now start turning your home into a comprehensive smart home!

**EVERY START IS SMART!**

## Starter sets

A smart start towards your intelligent home



Starting out towards your smart home was never as quick or easy! Each of our starter sets include the Homematic IP Access Point – the heart of the Homematic IP system – and components suitable for the respective application.

### Example starter set – Heating:

- ▶ **Homematic IP Access Point:**  
connects the smartphone app to the various products via the Homematic IP Cloud
- ▶ **Homematic IP Radiator Thermostat – basic (2 x)**

Simply install the free Homematic IP app on your smartphone and set the starter set up in just a few steps.

It doesn't matter which starter set you start out with, you can extend your Homematic IP system in any way with the whole range of components, such as from the "Security and Alarms" category. You can control the system very conveniently via the smartphone app, via remote control, and via voice commands. In addition, tailored time profiles and automations ensure that your smart home is adapted to your daily routine.





## OUR STARTER SETS – THE ADVANTAGES

- ▶ **A very quick and cost-effective start** towards your smart home: A starter set is the perfect way to get started, tailored to your individual needs. A comfortable and smart home awaits you, one that thinks for you and can be individually controlled in accordance with your wishes.
- ▶ Start out with one solution, for example from the "climate control" category – **at any time to become a entire smart home system** – therefore laying the foundations for your intelligent home.
- ▶ **The right components combined from the start:** You will benefit from our well thought-out set composition and we will provide you with tips on how to extend it, for example, into the areas of "light and shade" and "security and alarms".



### SK7 | STARTER SET – ALARM Article no. 153348A0



Includes:  
 Access Point | HAP  
 Alarm Siren | ASIR  
 Window and Door Contact – optical | SWDO  
 Motion Detector – indoor | SMI

- ▶ Movements and the opening of windows or doors in your home are reliably detected and immediately displayed in the Homematic IP app.
- ▶ In the event of danger, loud acoustic signals and two red LED signal lights on the alarm siren ensure an immediate warning.

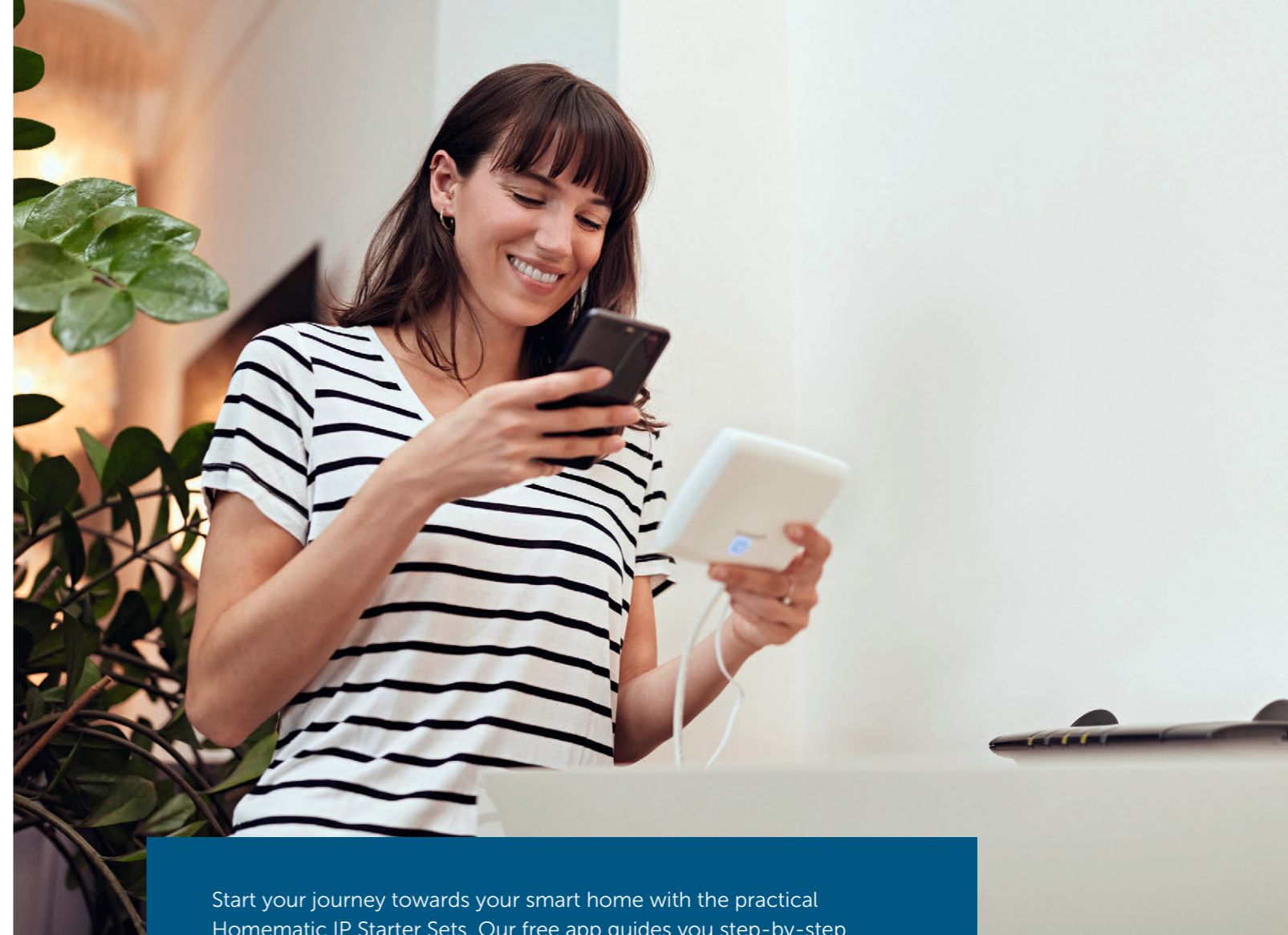


### SK16-2 | STARTER SET – HEATING Article no. 156537A0



Includes:  
 Access Point | HAP  
 2x Radiator Thermostat – basic | eTRV-B-2

- ▶ Automatic and convenient room-temperature control via electronic radiator thermostats
- ▶ Heating cost savings of up to 33%\* through efficient and demand-based heating



Start your journey towards your smart home with the practical Homematic IP Starter Sets. Our free app guides you step-by-step through the installation and the devices can be added very simply by scanning the QR code. The system can be extended flexibly at any time.

## Data security

When operated via the Homematic IP Access Point, the Homematic IP cloud service, which runs exclusively on German servers, manages the configuration of the individual devices. The cloud service is therefore subject to both European and German data protection guidelines. All communication between the Access Point, cloud and app is encrypted. Users do not have to provide any data such as their name, email address or mobile phone number during or after installing the app – apart from the IP address, no data is collected by Homematic IP. This ensures that users have the best possible protection, because the collection of personal data is largely avoided.



\* In combination with window and door contacts and depending on user routines, the structural conditions of the building and the existing heating system.





Enter the world of smart living easily and cost-effectively and stay flexible at the same time: The Homematic IP Basic products make this possible.

Whether it's stand-alone operation, operation via smartphone app or as part of an extension to a comprehensive smart home – everything is possible!

**THIS LEVEL OF FLEXIBILITY IS UNRIVALLED**



Do you want to make your home and your daily routine more comfortable, but are concerned that a smart home is expensive and complicated? **Then let the Homematic IP Basic products convince you that this is not the case. They are an easy and affordable way for you to enter into the world of smart living.**

The Basic products provide you with a multitude of possibilities. For example, you can start out simply with one field, such as climate control, and still enjoy the benefits of flexible control via the free app. Or would you prefer to make the configurations on the device itself? This is also an option: Using the "push-to-pair" function, you can also operate Homematic IP Basic products without an Access Point. It is very simple to operate the products manually and flexibly connect them with each other.

This level of flexibility continues when it comes to extending to a comprehensive smart home, because this is possible at any time in combination with a Homematic IP Access Point and the wide range of Homematic IP products. The Homematic IP Basic products enable you to lay the foundation for your smart home, making your daily routine more convenient and secure.

## Basic products

The easy and cost-effective start towards your smart home



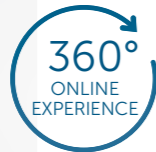


# THE BASIC PRODUCTS

- ▶ The **Homematic IP Basic products** enable an affordable entry into the world of the smart home.
- ▶ Easy setup and configuration **in the Homematic IP app**
- ▶ **Versatile function options** in combination with other Homematic IP devices
- ▶ **Stand-alone operation** ("push-to-pair" function): The Homematic IP Basic products can also be operated without an Access Point. It is very simple to operate the products manually and flexibly link them with each other



▶ THE STARTER MODEL



## eTRV-B-2 | RADIATOR THERMOSTAT – basic

Article no. 153412A2



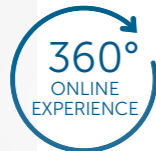
- ▶ Manual operation via buttons: Setting the heating profiles, temperature changes and triggering the boost function for rapid heating of the room

- ▶ Stand-alone operation is possible or can be extended to create a comprehensive smart home in combination with a Homematic IP Access Point or Home Control Unit

UK version (article no. 152849A0) available on request



▶ SIMPLY MAGNETIC



## SWDM-2 | WINDOW AND DOOR CONTACT with magnet

Article no. 151363A0



- ▶ Open-window detection via a magnet contact

- ▶ The all-rounder: suitable for all window and door models, e.g. for flush-closing windows/doors

- ▶ Battery life of four years

## WTH-B-2 | WALL THERMOSTAT – basic

Article no. 154666A0



▶ WITH A LARGE DISPLAY

- ▶ Customised temperature curves with up to 13 changes per day in three or six configurable profiles (3x heating / 3x cooling)
- ▶ Large LC display and easy-to-operate buttons
- ▶ Boost function for rapid, short-term room temperature increases via radiators

## WTH-B-A | WALL THERMOSTAT – basic, anthracite

Article no. 160554A0



### Open-window detection via the magnet contact







It's a cold, wet November evening and you're walking home from work in the rain. Once you have finally arrived, you enter your apartment and enjoy your chosen, comfy temperature in every room.

PRETTY SMART, ISN'T IT?

## Heating and climate control

Coming home to comfort



The bathroom should be comfortably warm, the bedroom a little cooler, and 23 degrees would be ideal in the living room. You can use Homematic IP to adjust your radiators to your personal temperature preferences. Room by room, and depending on the time of day via heating profiles. **And, at the same time, you can reduce your energy costs by up to 33%\* – because depending on the individual setting, the heating is turned down automatically.**

You can control the room temperature via the radiator thermostats, a wireless wall thermostat, automatically via pre-set heating profiles or conveniently via app – even when you are on the go.

If you are out and about often or travelling, then simply set your system to holiday mode and turn down your heating for a predefined time period to save energy.

**The Homematic IP range also features products for floor heating systems.** The system registers the heating requirements for the individual rooms and distributes the flow of hot water intelligently to the various heating zones.

**Very practical: Homematic IP products are connected with each other automatically as soon as you assign them to the same room via the app.** As a result of this, for example, the window and door contact detects when a window is opened and automatically turns down the heating via the radiator thermostat.



\* In combination with window and door contacts and depending on user routines, the structural conditions of the building and the existing heating system.



# RADIATOR THERMOSTATS

- ▶ **Replace conventional thermostats** and control your radiators according to your requirements. They also enable **energy cost-savings of up to 33%\*** with demand-based heating via heating profiles and automatic temperature lowering during ventilation
- ▶ **Easy to mount on valves with an M30 x 1.5 thread<sup>1</sup>** without having to drain water or interfere with the heating system
- ▶ **Flexible room-temperature control** simply via app – regardless of whether you are at home or out and about – or very conveniently via voice command (Amazon Alexa / Google Assistant). Also, tailored **temperature curves** can be configured – with up to three adjustable heating profiles and 13 changes per day



▶ THE BEST-SELLER



## eTRV-2 | RADIATOR THERMOSTAT

Article no. 140280A0



- ▶ Manual operation via the control wheel: Temperature changes and activating the boost function (heating up the radiator quickly) performed directly on the device

UK version (article no. 151038A0) available on request



▶ THE FLEXIBLE ONE

## eTRV-F | RADIATOR THERMOSTAT – flex

Article no. 160230A0



- ▶ The high-contrast and energy-saving e-paper display guarantees optimum readability and can be flexibly adapted to the mounting orientation

- ▶ Room temperature can be adjusted directly on the appliance
- ▶ Illuminated boost button on the front of the device

Article no. 155105A0

## eTRV-E | RADIATOR THERMOSTAT – Evo



- ▶ Innovative design with a modern and sleek shape
- ▶ LED display of the set temperature on rotatable display
- ▶ Manual temperature setting by slight turns either to the right or left
- ▶ The low-noise control motor enables changes in seconds
- ▶ Very quiet operation for use in bedrooms



▶ THE DESIGN AWARD WINNER



reddot winner 2021

Article no. 156650A0

## eTRV-E-S | RADIATOR THERMOSTAT – Evo, silver



Article no. 158419A0

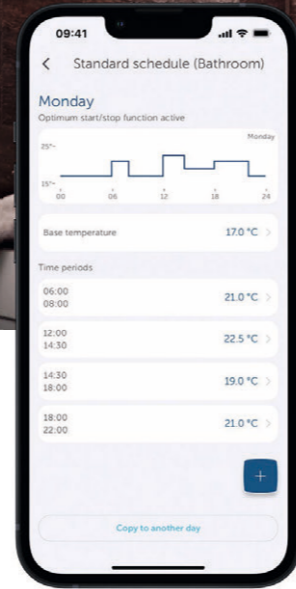
## eTRV-E-A | RADIATOR THERMOSTAT – Evo, anthracite



\* In combination with window and door contacts and depending on user routines, the structural conditions of the building and the existing heating system.

<sup>1</sup> Suitable for other valves through the use of various adapters





## Save energy and enjoy being comfortable

It is not just rising energy prices, but also environmental and climate aspects that are motivating us more and more to save energy. But this does not have to be at the expense of our home comfort. The Homematic IP heating and climate control solutions make this possible with ease. Just imagine: you wake up on a miserable autumn or winter day in a bedroom at the perfect temperature, and come home after a long day away to be welcomed by your preferred temperature. And best of all? By using the intelligent Homematic IP climate control solutions, you can reduce your energy costs by up to 33%.\* How does that work?

### The right thermostat for every requirement

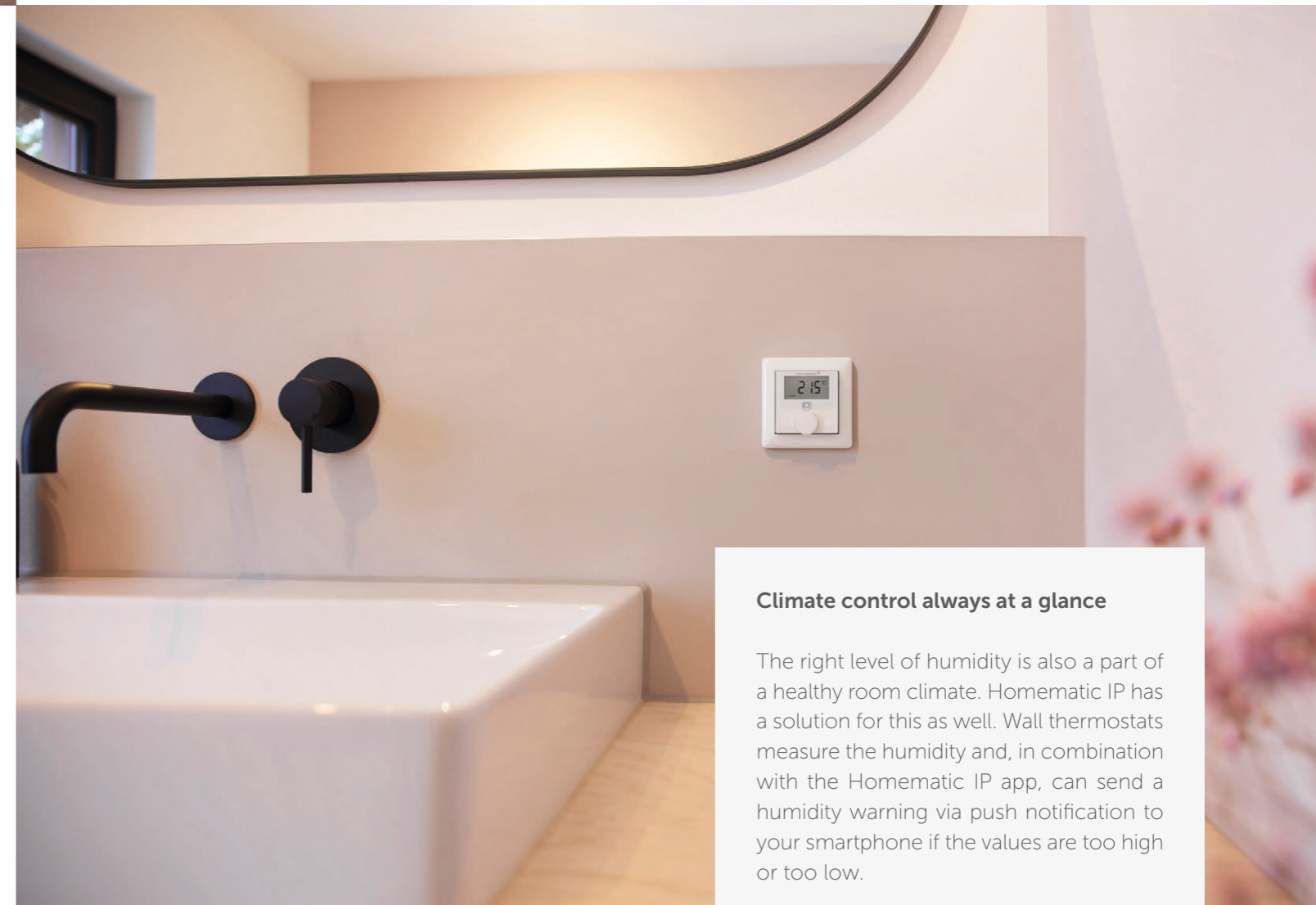
The comprehensive Homematic IP range has the right thermostat for every requirement, whether in terms of style, compactness or affordability. You can design your climate control solution to meet your requirements very easily with Homematic IP. You will find our thermostats from page 28 onwards.

### Always the right temperature

With Homematic IP you will always enjoy the right temperature in your home. This is possible because you can set up to 13 temperatures per room. Do you prefer it slightly warmer in the morning and want less heating during the day? This is not a problem thanks to the heating profiles, of which you can set up to three per room. The intelligent Homematic IP technology saves all the data locally, directly in the radiator thermostats.

### Window open – heating off

We have all been there – opening a window and then forgetting to turn the heating down. Valuable heat energy is lost when we do this. As a supplement to the radiator thermostats, Homematic IP features smart window contacts that are very easy to install and that are automatically connected to the radiator thermostats. With this setup, the window contact detects a window being opened and sends information directly to the associated radiator thermostats, which then lower the temperature automatically.



### Climate control always at a glance

The right level of humidity is also a part of a healthy room climate. Homematic IP has a solution for this as well. Wall thermostats measure the humidity and, in combination with the Homematic IP app, can send a humidity warning via push notification to your smartphone if the values are too high or too low.

\*In combination with window and door contacts and depending on user routines, the structural conditions of the building and the existing heating system.



# WALL THERMOSTATS

- ▶ **Measure the temperature and humidity** in indoor rooms and ensure more precise temperature measurements through offset positioning
- ▶ **Control the room temperature based on the time of day** in combination with Homematic IP Radiator Thermostats, Homematic IP Floor Heating Controllers and Homematic IP Pluggable Switches
- ▶ **Can be mounted flexibly** – via double-sided adhesive strips, with screws and plugs, or directly on a free flush-mounted box



Article no.  
156669A0

## WTH-1 | WALL THERMOSTAT WITH HUMIDITY SENSOR

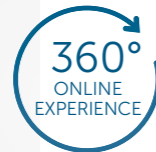


- ▶ Enables the room temperature to be set manually
- ▶ Large display with backlight



▶ FOR COMPLETE CONTROL

▶ **IDEAL WITH:**  
Desk Stand (see page 86)



## WTH-2 | WALL THERMOSTAT WITH HUMIDITY SENSOR

Article no.  
143159A0



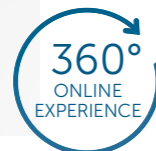
- ▶ Enables the room temperature to be set manually

- ▶ Large display with backlight

Stand-alone operation possible

▶ THE ALL-ROUNDER

▶ **IDEAL WITH:**  
Desk Stand (see page 86)

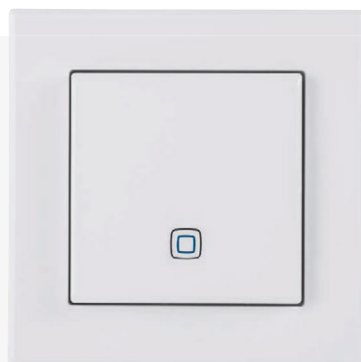


## WTH-A | WALL THERMOSTAT WITH HUMIDITY SENSOR, anthracite

Article no.  
159820A0







► UNOBTRUSIVE TEMPERATURE MEASUREMENT

**STH | TEMPERATURE AND HUMIDITY SENSOR**  
– indoor

Article no. 150181A0



► For precise temperature monitoring in rooms where visual checks are not needed

**STHD | TEMPERATURE AND HUMIDITY SENSOR WITH DISPLAY**  
– indoor

Article no. 150180A0



- Enables insights into the room's temperature and humidity
- Prevents unauthorised room-temperature adjustments



► EVERYTHING AT A GLANCE, AT ALL TIMES



**STH-A | TEMPERATURE AND HUMIDITY SENSOR**  
– indoor, anthracite

Article no. 160551A0



**STHD-A | TEMPERATURE AND HUMIDITY SENSOR WITH DISPLAY**  
– indoor, anthracite

Article no. 160530A0



Homematic IP Wall Thermostats and Temperature and Humidity Sensors combine to create a comprehensive solution for controlling and monitoring the room climate in your home. They measure the temperature and humidity in indoor rooms precisely and, due to their offset positioning, ensure more precise temperature measurements.

The thermostats do not just measure, but also control the room temperature based on the time of day in combination with Homematic IP Radiator Thermostats, Floor Heating Controllers and Pluggable Switches. As a result, they make a significant contribution to a comfortable and energy-efficient room climate.







Standing barefoot in front of the mirror in your bathroom, getting out of the bath or shower and feeling wonderful warmth under your feet – your floor heating system makes this possible.

Make your floor heating control smart with Homematic IP.

COMFORTABLY WARM FLOORS

## Floor heating control

### Smart floor heating



From now on, realising the desire for modern floor heating is no longer a big project. **You can easily upgrade your existing (and also uncontrolled) floor heating with the Homematic IP Floor Heating Controller.** The wireless communication means that you do not have to lay any new cables. Work on the electrical installation can be completed quickly with the help of a professional installer.

- ▶ **Heating control** for floor heating systems and other water based surface heating systems, such as wall heaters
- ▶ **More efficient use** of the heating system with state-of-the-art control algorithms, also adjusted to different floor structures
- ▶ **Precise control of the desired temperature** – in comparison with conventional controllers, there are hardly any temperature fluctuations in the room.
- ▶ **Individual heating profiles** ensure demand-based room-by-room heating.
- ▶ Reliable, secure **wireless communication** with Homematic IP
- ▶ **Can be integrated** into your existing Homematic IP system
- ▶ The floor heating controller can either be operated as a stand-alone unit (without central control unit) or via the Homematic IP Access Point including the free smartphone app and free cloud service





# MOTORIZED FLOOR HEATING CONTROL

- ▶ The FALMOT-C12 Floor Heating Controller automatically recalculates the optimum flow behaviour of the heating water both permanently and directly on the basis of the target temperature. With this approach, the product achieves a continuous thermal balance, i.e. based on the room heat, between the energy required and the energy provided.
- ▶ **The latest generation of the Homematic IP floor heating controller works with motorised valve drives** which provide continuous control of the heating circuits. This means that different heating circuit positions (e.g. 50% open) can be controlled by motor, optimizing consumption and regulation of the desired temperature. This in turn means that consumption in the entire household can be reduced down to as little as 0.2 W\*. The Fraunhofer-IEE confirms: "At least equal to conventional hydraulic balancing."
- ▶ The actuators are suitable for all water-based floor heating systems and **can be connected easily to existing heating manifolds.**



▶ THE EFFICIENT ONE



## FALMOT-C12 | FLOOR HEATING CONTROLLER – 12 channels, motorised

Article no. 153621A0



▶ Our motorised Floor Heating Controller – in combination with the motorised Valve Drive – enables continuous control of the floor heating system.

- ▶ Switching cooling/heating systems in combination with heat pumps and the Homematic IP Multi IO Box
- ▶ Fully plug-and-play

## VDMOT | VALVE DRIVE – motorised

Article no. 153309A0



▶ Continuous control of heating valves for comfortable regulation of the room climate

- ▶ Control via the Homematic IP Floor Heating Controller – 12 channels, motorised (HmIP-FALMOT-C12) – in combination with a Homematic IP Wall Thermostat
- ▶ The wires (90 cm) **cannot** be extended!



▶ ECONOMICAL AND PRECISE

Article no. 150842A0

## WHS2 | SWITCH ACTUATOR FOR HEATING SYSTEMS – 2 channels

- ▶ For switching heat pumps, circulation pumps, boilers, electric radiators and other loads via two channels



- ▶ Smart switching of the central heating enables demand-based heat regulation for more efficient use of the heating energy
- ▶ Can be used as heating demand relay for controlling heat pumps in combination with radiator thermostats or floor heating controllers



▶ SWITCH ACTUATOR FOR UNIVERSAL USE

Article no. 142988A0

## MIOB | MULTI IO BOX

- ▶ For switching heat pumps, circulation pumps, boilers, electric radiators and other loads



- ▶ Can be used with up to four floor heating controllers even without an Homematic IP Access Point
- ▶ Enables the switch-over from winter to summer operation – i.e. heating/cooling through the configuration of an appropriate switching output and switching input (floating) in combination with suitable heat pumps
- ▶ Two floating switching outputs: max. 3,680/1,840 W
- ▶ Thanks to the input for a humidity limiter input (floating), mould formation caused by condensation water on the cables in cooling mode can be avoided.
- ▶ Reliable protection against heating-system overheating thanks to the temperature limiter input

Available on request



▶ THE ALTERNATIVE CONTROL UNIT

- ▶ **IDEAL WITH:** DIN rail adapter for Multi IO Box (see page 87)





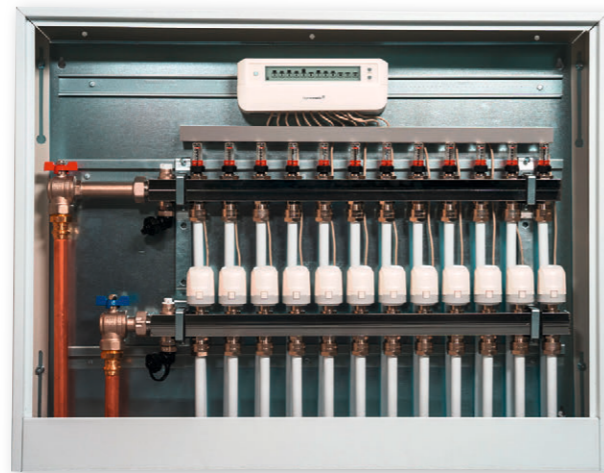
## MODERN, WIRELESS FLOOR HEATING CONTROL

Users who have decided to install a floor heating system want to use an efficient way for heating – and this on a long term basis. But if the installation is already several years ago and no longer state of the art, users are often confronted with the question: modernisation, yes or no?

The desire for a modern floor heating system is no longer a large-scale project in the future. Due to its radio communication, Homematic IP is easily retrofitted, without having to lay new cables. This type of floor heating control is appropriate for new buildings, as all necessary devices can be put into operation even without Internet connection, directly on the construction site. Your professional installer will be glad to help with work on your heating system.

## BENEFITS OF A HOMEMATIC IP FLOOR HEATING CONTROLLER

- ▶ More efficient use of the heating system with state-of-the-art control algorithms, also adjusted to different floor structures.
- ▶ Accurate adjustment of the desired temperature – compared to conventional control systems there are almost no temperature variations in the room.
- ▶ Heating control not only for floor heating systems, but also for other water-based surface heating systems, such as wall heaters.
- ▶ Individual heating profiles for demand-based room-by-room heating.
- ▶ Reliable and secure wireless communication with Homematic IP.
- ▶ Can be operated via the free smartphone app – this makes controlling your heating even more convenient, whether you are at home or out and about.



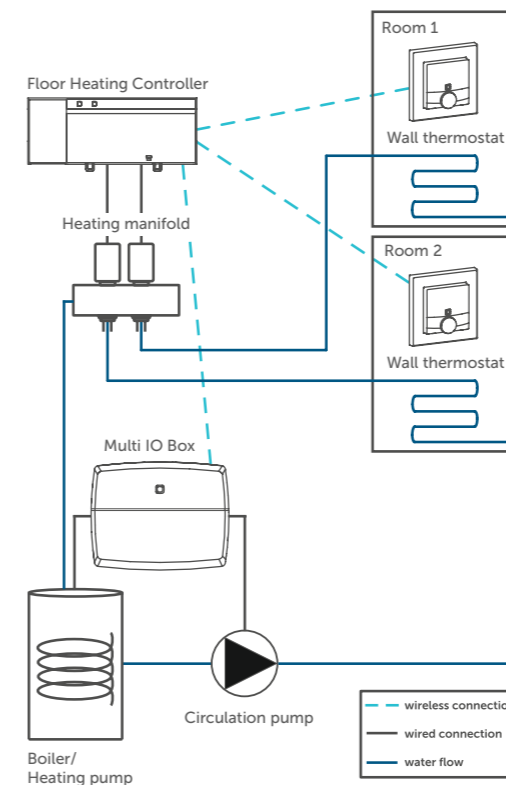
You will find more information on the subject of "heating control" here:



## APPLICATION EXAMPLES

Homematic IP offers multiple possibilities for installing a smart floor heating control system or for the modernisation of an existing solution. The following applications demonstrate different installation possibilities. Numerous additional installation examples are listed in our how-to guide, "Floor heating and heating system control with Homematic IP" (available in the download area of homematic-ip.com, for example). By using the Homematic IP Access Point or Homematic IP Home Control Unit, the system can be controlled via the free Homematic IP App.

### WALL THERMOSTATS, FLOOR HEATING CONTROLLER AND MULTI IO BOX



#### SETUP

- ▶ Connection of the valve drives of the heating manifold to the Floor heating controller
- ▶ Connection of the Multi IO Box to the boiler and/or circulation pump
- ▶ Direct connection between the Multi IO Box, floor heating controller and the Wall thermostats / Temperature and humidity sensors in the individual rooms

#### ADVANTAGES

- ▶ Installation without wiring effort in the rooms due to the reliable radio communication
- ▶ Efficient utilisation of the heating system with automatic load balancing and continuous flow of heating water
- ▶ In addition to controlling the floor heating, it is also possible to control a circulation pump or boiler based on heat requirements and to switch automatically between the heating/cooling operation in combination with heat pumps

## FLOOR HEATING CONTROLLER PWM REGULATION

After installing a Homematic IP Floor Heating Controller, a constant setpoint value should be maintained for at least three, preferably seven days. During this time, the intelligent system regulates itself automatically and registers the heat requirements of the individual rooms. As soon as the setpoint and actual temperatures have synchronised, the heating profiles can be added/activated. The direct connection between the Multi IO Box, floor heating controller and the wall thermostats makes it possible to control a circulation pump or the boiler based on the heat requirement.





Do you want to feel safe when you are at home, but also not have to worry about windows and doors being left open when you are out and about? Make your home more secure with the Homematic IP products from the security range.

ALERTS ALWAYS AND EVERYWHERE

## Security and alarms

Simply feel safe at home



Our security and alarm products make life difficult for criminals and your home more secure:

- ▶ **Window and door contacts** warn you when windows or doors are opened without authorisation. Either with an acoustic signal via the wireless alarm sirens or via a push notification to your smartphone.
- ▶ **Motion detectors ensure reliable indoor and outdoor monitoring.**
- ▶ **Water sensors** issue alarms in the event of moisture and the threat of water damage, e.g. in the bathroom, in the kitchen or in the cellar.

You can easily activate the protection mode for your smart home via the app or key ring remote control – either in presence mode or absence mode. With presence mode active, the system issues alarms if doors or windows are opened without authorisation even when you are at home. In addition, the presence mode can be tailored individually. This enables you, for example, to deactivate a window or door contact for presence mode or add a motion detector.

If absence mode is active, the sensors inside the house are also included. Movements are then registered via motion detector. **Even if the Access Point is destroyed or the internet connection is lost, you are still ensured reliable monitoring and local alarms.**

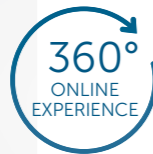


# WINDOW / DOOR CONTACTS

- ▶ Detect opening and closing of windows and doors
- ▶ Reduce the room temperature automatically during ventilation in combination with the Homematic IP Radiator Thermostat.
- ▶ On request, an alarm can be triggered e.g. in combination with the Homematic IP Alarm Siren **as soon as a window or door** is opened.
- ▶ **Easy installation**, also possible with adhesive strips – and therefore also ideal for rented accommodation



▶ THE CLASSIC

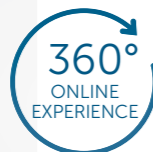


## SWDO-2 | WINDOW AND DOOR CONTACT – optical

Article no.  
157857A0



- ▶ Individual design with white or brown cover cap included in the scope of delivery (with SWDO-2)
- ▶ Integrated infra-red light barriers – reflected onto the window casement, no counterpart necessary



## SWDO-A | WINDOW AND DOOR CONTACT – optical, anthracite

Article no.  
160027A0



Article no.  
142722A0

## SMI | MOTION DETECTOR WITH BRIGHTNESS SENSOR – indoor

- ▶ Reliably detects movements as well as light intensity with an integrated brightness sensor
- ▶ Various applications in combination with other Homematic IP devices, e.g. for lighting control and alarm functions
- ▶ Optimised detection range with a reach of up to 12 m and a detection angle of approximately 105° at an installation height of approximately 2.5 m



▶ ALERT AND DISCREET

Article no.  
151979A0

## STV | TILT AND VIBRATION SENSOR

- ▶ Detects the smallest vibrations and movements
- ▶ Detects changes in position at an angle of 10 to 45° and monitors moving objects such as garage doors, cellar shaft covers, windows and letterbox flaps

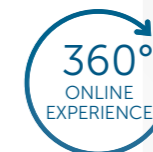


▶ REACTS SENSITIVELY  
IN EVERY POSITION

Article no.  
151694A0

## SWD | WATER SENSOR

- ▶ Reliably detects the build up of humidity on different surfaces and water above a depth of 1.5 mm
- ▶ An alarm is triggered in the event of the build-up of humidity or water via the integrated siren of the water sensor or, as an option, via the alarm siren as well as the Homematic IP app.
- ▶ With an integrated tilt sensor, unintentional movements and the manipulation of the water sensor is detected and signalled immediately.



▶ ALARM IN THE EVENT  
OF WATER OR HUMIDITY





▶ LOUD ALARMS

**ASIR-2 | ALARM SIREN**

Article no.  
153825A0



▶ Audible and visual signal output in the event of an alarm via Piezo speaker and LEDs

- ▶ Loud signal with  $\geq 90$  dB (at a distance of 1 m) and red signal LEDs ensure early warnings
- ▶ Setting signal tones for arming and disarming the security solution is possible
- ▶ Choice between different signals, different flashing frequencies and alarm durations possible
- ▶ Tamper contact for detecting manipulations and removal

**KRCA | KEY RING REMOTE CONTROL**

Article no.  
142562A0

– alarm



▶ The Homematic IP Key Ring Remote Control – **alarm** – enables the convenient control of alarm functions and switching lights on and off.

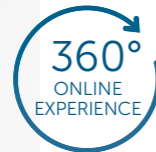
▶ Alarm functions can be set via the Homematic IP app and activated and deactivated at the touch of a button. There are function buttons for “presence mode”, “absence mode”, “disable alarm” and “light on/off”.



▶ REMOTE CONTROL FOR OUT AND ABOUT



▶ LOUD AND SUSTAINABLE



**ASIR-O | ALARM SIREN – outdoor**

Article no.  
153208A0



▶ High-performance alarm siren for reliable acoustic and visual signalling in the event of an alarm (e.g. in the event of a break-in)

- ▶ Early warning via two Piezo speakers with 100 dB volume and striking LED signal lamps
- ▶ Sustainable power supply via solar cell in combination with three rechargeable NiMH batteries – sufficient energy is saved for reliable operation even at night or during cloudy days.
- ▶ Loud alarm signals, e.g. in combination with a Homematic IP Motion Detector or a Homematic IP Window and Door Contact if the house is entered by unauthorized persons
- ▶ The tamper contact issues an alarm signal in the event of manipulation and removal.

▶ **IDEAL WITH:**  
Motion Detector with Brightness Sensor – indoor (see page 45)







Wouldn't it be nice to wake up in the morning to gentle light? With the free Homematic IP app, you can gradually increase the brightness of your bedside lamp from 0 to 100% over up to 20 minutes and slowly get used to the brightness. This makes waking up simply more comfortable.

**START THE DAY IN A SMART MOOD**



**Light is more than just illumination.** Light creates atmosphere and turns your house into a comfortable home. You can use the Homematic IP lighting products to create an individual light scenario in every room that you can control as needed and change at any time.

Normally, lamps are switched on and off via a light switch. With Homematic IP Motion and Presence Detectors, the lights switch on automatically as you walk past. You do not even have to get up from the sofa to switch or dim your lights, because you can do it easily using a smartphone app, voice command and remote control. With configurable time profiles, you can make your home look occupied even when you are not there. This is not just smart, but safe.

#### Coming Home Light

Homematic IP ensures a touch more security in your own four walls. You can program light switches such that the light in the hallway comes on automatically when someone comes home. **And when it is dark outside, you will feel even more safe with an illuminated driveway or house facade.**

## Light

### Smart Lighting



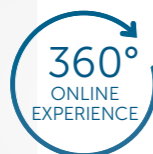


## PRESENCE DETECTION

- ▶ The Homematic IP Motion and Presence Detectors **reliably detect movements and the ambient brightness** due to an integrated brightness sensor.
- ▶ In combination with other Homematic IP devices, lights can **be switched on, for example or alarms triggered**.
- ▶ The flexible, battery-operated and low-maintenance fix-wired products feature a **solution for every application**.



▶ **SECURE SURVEILLANCE IN OUTDOOR AREAS**



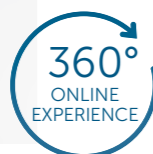
### SMO-2 | MOTION DETECTOR WITH BRIGHTNESS SENSOR – outdoor

Article no. 156203A0



- ▶ Detection range of up to 8 m, detection angle approx. 90°, can be rotated through 360°

- ▶ Differentiates between the light intensity at twilight as well as between sunshine and clouds and offers demand-based switching with individually adjustable twilight values.
- ▶ Suitable for indoor and outdoor use: ideal for monitoring garages and tool sheds in applications with ambient temperatures of -20 to +55°C
- ▶ As the lens can be flexibly tilted horizontally and vertically, unintended triggering caused by pets can be avoided.



### SMO-A-2 | MOTION DETECTOR WITH BRIGHTNESS SENSOR – outdoor, anthracite

Article no. 156227A0



Article no. 150587A0

### SPI | PRESENCE DETECTOR – indoor

- ▶ Reliably detects the presence of people in a radius of up to 7 m at an installation height of 3 m and a detection angle of 105°
- ▶ The integrated twilight sensor also detects the ambient brightness – so the light is only switched on when it is needed.



▶ **EVERYTHING AT A GLANCE**

Article no. 156737A0

### SMO230 | MOTION DETECTOR WITH SWITCHING ACTUATOR – outdoor

- ▶ Detects different brightness values and enables switching depending on freely adjustable twilight values



- ▶ Detection range of up to 20 m, 3 sensors
- ▶ 180° sensor coverage with additional sensor for creep zone protection
- ▶ A separate control function for the sensitivity of the sensors ensures optimum area coverage
- ▶ Splash-proof protection in accordance with IP44, temperature resistant from -20 to +55°C
- ▶ Internal 230 V / 5A switching relay, integrated WAGO 221 terminals for easy installation and connection of rigid and flexible cables



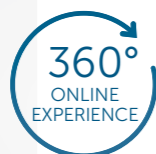
▶ **DETECTS MOVEMENTS UP TO 20 M AWAY**

Article no. 158238A0

### SMO230-A | MOTION DETECTOR WITH SWITCHING ACTUATOR – outdoor, anthracite







**PDT | PLUGGABLE DIMMER**  
– trailing edge

Article no.  
150327A0



▶ Thanks to the compact design, the device does not block the surrounding sockets.

- ▶ Optimised for modern light sources and therefore ideal for small loads (e.g. LEDs)
- ▶ The Homematic IP app enables infinitely variable dimming of connected lights in 1% steps.

Please check the availability in your country. You will find an overview on page 94.

▶ ENSURES TAILORED LIGHTING MOODS

**FURTHER VERSIONS**



**PDT-UK | PLUGGABLE DIMMER**  
– trailing edge (UK)

Article no.  
151479A0



**PDT-PE | PLUGGABLE DIMMER**  
– trailing edge (PE)

Article no.  
159039A0



**PDT-CH | PLUGGABLE DIMMER**  
– trailing edge (CH)

Article no.  
159046A0

Article no.  
157662A0

**RGBW | LED CONTROLLER – RGBW**



- ▶ Smart control of LED strips – for customised light
- ▶ Individual switch-on times and dimming times can be configured
- ▶ The brightness of the LED strips can be controlled to suit the time of day. The LED Controller can also be used to define the light temperature (tunable white) and colour scenes (RGB, RGBW)
- ▶ Four single-colour strips, 2 tunable white strips, one RGB or one RGBW strip can be connected



▶ FOR TAILORED LIGHT

- The LED controller supports strips with a 12 V and 24 V supply

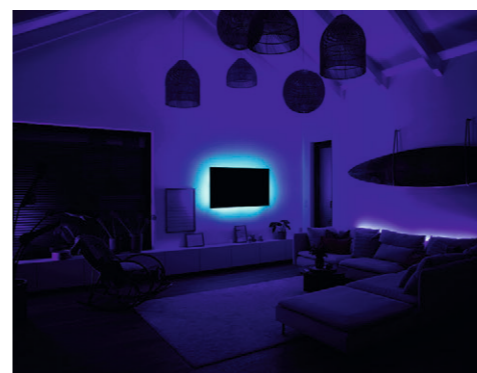


**Colourful lighting**

The Homematic IP LED Controller – RGBW generates colourful light. Add some colour and connect your single-colour, multi-colour or tunable white LED strips to the controller. You can control all of these very easily with the Homematic IP app.

What you need for the installation:

- ▶ Homematic IP LED Controller – RGBW
- ▶ Homematic IP Access Point
- ▶ Single-colour, multi-colour (RGB or RGBW) or tunable white LED strip
- ▶ 12 or 24 volt power supply unit supplying the LED strips







Do you want to protect your home against environmental influences or simulate your presence when you are away? The roller shutter and awning control devices create more privacy and increase your security.

SIMPLY PRACTICAL

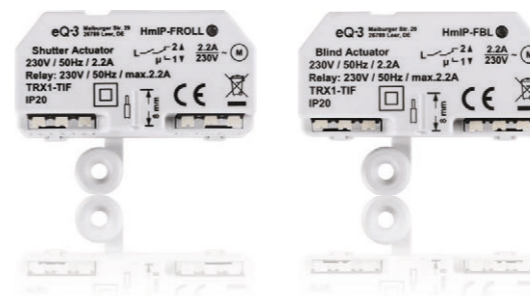
## Shading control

Control shutters, blinds and awnings at the touch of a button



At exactly 9 p.m. your shutters are drawn throughout the house. The weather suddenly changes and your awning retracts automatically. The blinds are lowered because the room temperature in your apartment is being increased by direct sunlight. Homematic IP makes all this possible! You can set up the individual devices using the free Homematic IP app in just a few steps, and then conveniently control them via your smartphone. And it does not matter where you are.

**Very practical:** By individually configuring a time profile, you can raise and lower awnings, shutters and blinds based on the time of day (depending on the day of the week, time of day or position of the sun) – and also depending on the brightness and darkness. This provides more privacy and makes your home appear occupied at all times.



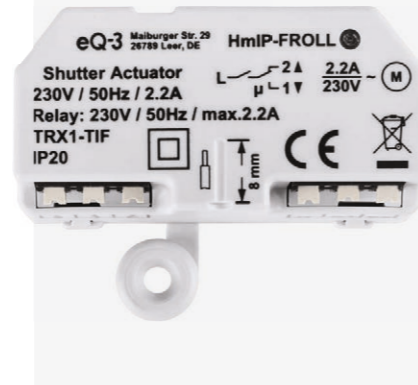


## SIMPLY UPGRADE

- ▶ The Homematic IP Blind and Shutter actuators – flush mount – enable the **automatic control of shutters, blinds and awnings** via all conventional tube motors.
- ▶ Convenient control based on sunrise and sunset possible
- ▶ With individually configured week profiles, shutters and awnings can be raised and lowered automatically based on the time of day.
- ▶ Smart functions such as **lock-out, storm and heat protection** can be set up in combination with the Homematic IP app and additional components
- ▶ The compact design enables easy installation in flush-mounted boxes or in surface-mounted junction boxes (e.g. ELS Spelsberg Abox 25) for operation in cellars or outdoor areas
- ▶ Supports connection of two standard push-buttons via screwless clamps for local operation (230 V button potential)
- ▶ Therefore, the small actuator is installed into a flush-mounted box and wired to the existing tube motor.  
Please note: Phase up/phase down required individually for the tube motor.
- ▶ A neutral conductor is required for installation.
- ▶ **Note the maximum load of 500 W connected power!**

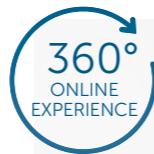
Article no. 151347A0

### FROLL | SHUTTER ACTUATOR – flush-mount



Article no. 151398A0

### FBL | BLIND ACTUATOR – flush-mount



Please check the availability in your country. You will find an overview on page 94.

## IT IS SO EASY TO UPGRADE TO SMART CONTROL

### ADVANTAGES AND CHARACTERISTICS

- ▶ Less installation work thanks to spring-cage terminals
- ▶ Suitable for all standard tube motors
- ▶ Individual time profile for time-controlled raising/lowering of the shading elements
- ▶ Convenient control based on sunrise and sunset possible
- ▶ Easy to install
- ▶ Control via free Homematic IP app, remote control, button or voice command (Amazon Alexa and Google Assistant)
- ▶ Lock-out, storm, rain and heat protection functions can be set up in combination with the Homematic IP app and other devices
- ▶ Direct device communication for fail-safe operation: The basic settings and functions are stored in the actuators, meaning that time profiles, for example, run reliably – even when the Internet connection is lost.
- ▶ Slat-position setting

### BLIND ACTUATORS

### SHUTTER ACTUATORS

|   |   |
|---|---|
| ✓ | ✓ |
| ✓ | ✓ |
| ✓ | ✓ |
| ✓ | ✓ |
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## PROTECTION AGAINST

### RAIN AND STORMS

The storm and rain protection function prevents blinds, shutters and awnings from being damaged in the event of wind, rain or snow.

### HEAT

When this function is active, your blinds and shutters will be lowered whenever the wall thermostats detect particularly high room temperatures.

### LOCKOUT

A smart window / door contact on the patio door prevents shutters/blinds from being lowered automatically when the residents are still outside.





Would you like to stop worrying about whether you have brought a key with you or whether you have actually locked your front door? The new products from the access range simplify your day-to-day routine because you can lock and unlock your door easily via smartphone and remote control.

**SMART AND SIMPLE OPENING OF THE FRONT DOOR**

## Access

Welcome to your smart home



Have you ever forgotten your front door key and found yourself standing in front of a locked door? Or been sitting in your car, suddenly not sure whether you really locked that door or not? **These problems are now a thing of the past: with Homematic IP, you can easily make your front door smart and turn your smartphone into a digital key.**

You can lock and unlock your door at any time using the free smartphone app, or just as easily using the practical remote control. Better still: it is also very easy to set up access authorisations for your loved ones and even your babysitter, for example. Regardless of whether this is permanent or only for a specific time – you can decide who has access to your home and when.

In addition, the door can be locked at specific times, so you no longer have to worry about whether the door is really locked, for example at night. And if you want to feel even safer, the door can automatically lock after each opening, thus providing protection against unauthorized access.

What if not everyone in your home has a smartphone? This is not a problem with the practical key ring remote control. And if this ever becomes lost, you can simply deactivate it in the app. **Your smart home not only offers you more comfort, it now also welcomes you warmly.**







► OPEN THE DOOR TO YOUR SMART HOME



**DLD | DOOR LOCK DRIVE**

Article no. 154952A0



► Lock, unlock, and open house doors without a key – via smartphone or remote control

- Increased security with time-based locking (Auto Relock): Each time your door is unlocked, it is automatically locked again after a defined time.
- Individually configurable access authorisations
- Easy to retrofit: easy mounting onto Euro profile cylinders with emergency and danger function. 8–15 mm protrusion beyond the lock cylinder inside.



**DLD-A | DOOR LOCK DRIVE, anthracite**

Article no. 160555A0



**DLD-S | DOOR LOCK DRIVE, silver**

Article no. 160556A0



► SMART REPLACEMENT FOR YOUR HOUSE KEY

**KRCK | KEY RING REMOTE CONTROL**

– access

Article no. 142561A0



► Lock, unlock, and open house doors at the touch of a button

- Replaces the key in combination with the Homematic IP Door Lock Drive
- Additional button for Coming Home light – e.g. for switching the light on and off in the entrance area

Article no. 156424A0

**WKP | KEYPAD**



- Lock and unlock your house door via a code in combination with the Homematic IP Door Lock Drive
- Four- to eight-digit numerical codes, an integrated tamper contact and encrypted device communication reliably protect your home from intruders.
- Tailored access management with eight different numerical codes and time-dependent access rights



► SIMPLY UNLOCKED

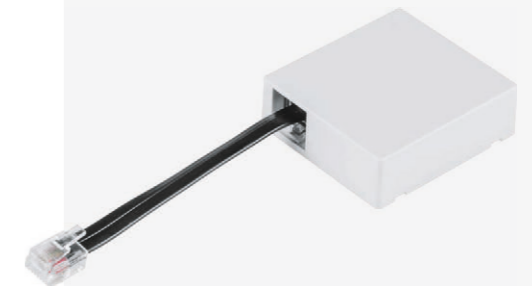
Article no. 153986A0

**MOD-HO | MODULE FOR HÖRMANN DRIVES**



- Convenient and smart control of garage doors via smartphone app or Homematic IP Remote Control
- Compatible with the following drives: SupraMatic Series 3 E/P from Index Ci, SupraMatic HT3, RotaMatic/P/PL Series 1 (from 09/2010) and Series 2, LineaMatic/P/H Series 1 (from 10/2009) and Series 2, VersaMatic/P, WA300 S4, WA300 R S4

Hörmann HAP1 HCP Adapter required, article no. 170046: Liftronic 700-2/800-2, RollMatic 2, SupraMatic/ProMatic Series 4



► BRINGS HÖRMANN INTO THE HOMEMATIC IP SYSTEM

Article no. 155182A0

**FWI | WIEGAND INTERFACE**



- Can be set up via Homematic IP app by integrating Wiegand-enabled devices
- In addition to Wiegand-enabled devices, doorbell buttons, tamper contacts, LEDs and doorbells can also be connected. Control your entrance door, the lights and the alarm, for example, with different codes



► SMART ACCESS, SIMPLY INTEGRATED





With our “switching and metering” devices, you can not only switch or dim your lighting intelligently and automatically, but also expose energy guzzlers at the same time!

THE SMART ALL-ROUNDER

## Switching and metering

### Intelligent energy measuring



Homematic IP brings light to the dark automatically and shows you how much energy you consume in which place.

Uncover expensive energy guzzlers by measuring and evaluating the energy consumption in your home. This is made effortless by the smart Homematic IP switching and measuring actuators. The combination of different Homematic IP products enable individual scenarios and metering of the energy consumption at the same time.

**It's super smart:** The high measurement accuracy of the Homematic IP switching and measuring actuators means that you can also precisely measure standby consumptions greater than 0.01 W.

Homematic IP products for light control can easily be integrated into the installations in your home since existing frames and rockers from a range of brand switch series can continue to be used.



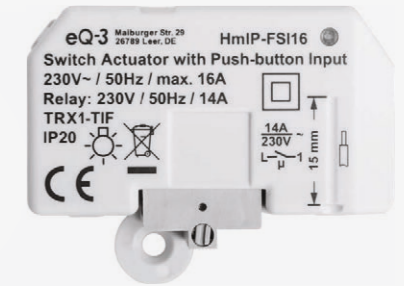


Article no.  
154346A0

**FSI16 | SWITCH ACTUATOR WITH  
PUSH-BUTTON INPUT – flush-mount**



- ▶ Intelligent lighting control
- ▶ Easy to retrofit and invisibly installed in the flush-mounted box
- ▶ Flexible operation: directly via connected buttons or switches, wirelessly via Homematic IP Buttons or Remote Controls and at any time via the Homematic IP smartphone app
- ▶ Suitable for a wide range of loads: Light bulbs, LEDs, halogen lamps, etc.



▶ CONTINUE TO USE EXISTING  
BUTTONS AND SWITCHES

- Maximum connected power:  
16 A / 3,680 W for 15 minutes
- Permanent connected power:  
14 A / 3,220 W

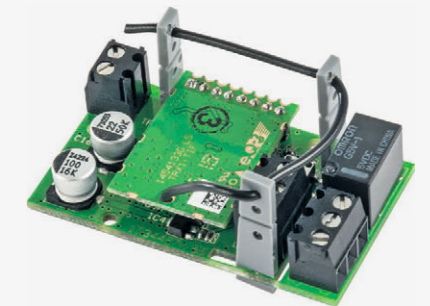
**TECHNICAL  
SPECIFICATIONS**

Article no.  
150776A0

**PCBS | SWITCH CIRCUIT BOARD**



- ▶ Enables the wireless switching of a switch or push-button inputs, 12 V signalling devices and LEDs in the extra-low voltage range, for example
- ▶ Thanks to the compact design the device can be flexibly installed into existing devices and your own projects.
- ▶ Connected devices can be switched on and off conveniently via the Homematic IP app or remote control, for example.



▶ BRINGS DEVICES  
INTO YOUR SMART HOME

- Maximum switching capacity:  
1 A / 30 V

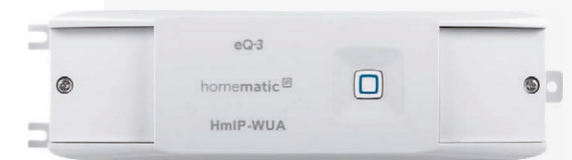
**TECHNICAL  
SPECIFICATIONS**

Article no.  
154761A0

**WUA | UNIVERSAL ACTUATOR – 0–10 V**



- ▶ The 0–10 V and 1–10 V interfaces of the universal actuators enable the individual regulation of controlled domestic ventilation systems (CDV) or analogue controllable dimmers for creating the right lighting mood.
- ▶ Conventional loads can be switched on and off with an additional relay. In addition to the 0–10 V control, the connected device can also be completely switched off.



▶ VERSATILE IN APPLICATION



▶ IDEAL FOR FLUSH MOUNTING

**FSM | SWITCH ACTUATOR AND METER  
– flush-mount**

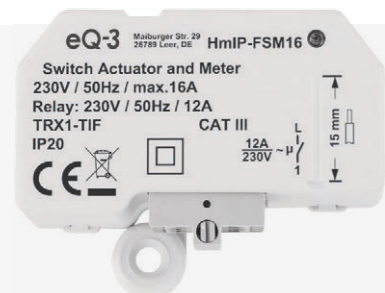
Article no.  
142721A0



- ▶ Flush-mount actuator for switching of consumers and measuring the energy consumption
- ▶ Thanks to the high measuring accuracy, even stand-by loads can be precisely measured.
- ▶ The compact design enables easy installation in flush-mount boxes or in surface-mount junction boxes (e.g. ELS Spelsberg Abox 25)

**TECHNICAL  
SPECIFICATIONS**

- Maximum permanent  
connected power: 5 A / 1,150 W



**FSM16 | SWITCH ACTUATOR AND METER (16 A)  
– flush-mount**

Article no.  
150239A0



- ▶ Maximum connected power:  
16 A / 3,680 W for 20 minutes;  
permanent connected power: 12 A / 2,760 W





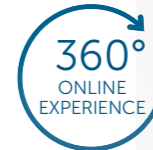
### Make existing lamps smart

So you've already invested a lot in beautiful ceiling, floor and wall lights. But how do you integrate these light sources into your smart home? Is that even possible? Nothing could be easier with Homematic IP: We offer you suitable sockets, switches, flush-mountings, switch actuators and dimmers for every type of lamp, and for every area and purpose.



Article no.  
157338A0

#### PS-2 | PLUGGABLE SWITCH



- ▶ Enables the switching on and off of connected loads, such as table lamps
- ▶ Convenient control via Homematic IP app, for example via tailored time profiles for automatic switching of the connected load
- ▶ Precise regulation of electric radiators in combination with a Homematic IP Wall Thermostat
- ▶ As an option, it can be used to extend the range of the wireless signal

Please check the availability in your country.  
You will find an overview on page 94.



▶ SMALL AND USEFUL

• Maximum connected power:  
13 A

TECHNICAL  
SPECIFICATIONS

Article no.  
157337A0

#### PSM-2 | PLUGGABLE SWITCH AND METER



- ▶ Also measures the energy consumption, power, voltage and current.

#### FURTHER VERSIONS

Article no.  
150007A0

#### PSM-UK | PLUGGABLE SWITCH AND METER (UK)

Article no.  
159100A0

#### PSM-PE-2 | PLUGGABLE SWITCH AND METER (PE)

Article no.  
150008A0

#### PSM-IT | PLUGGABLE SWITCH AND METER (IT)

Article no.  
150009A0

#### PSM-CH | PLUGGABLE SWITCH AND METER (CH)







Do you love your individually designed home, but wish it was a little smarter? The Homematic IP Actuators for brand switches enable you to modernize your existing electrical installations without completely replacing the existing switch series.

**YOUR INTERIOR DESIGN  
REMAINS UNAFFECTED**

## Actuators and adapters for brand switches

New technology for your existing interior design



The Homematic IP products can be integrated into the design of your existing switch series with very little effort.

The Homematic IP Actuators for Brand Switches are part of the Homematic IP smart home system. You can use the actuators with the Homematic IP Access Point in combination with the free app and a wide range of partner solutions.

**Available in three versions (see page 70)**

- ▶ **Switching module**
- ▶ **Dimming actuator**
- ▶ **Blind actuator**

▶ Less mounting and installation work through the use of the existing standard flush-mount boxes in the existing electrical installation.

▶ You can continue to use existing frames and rockers from a wide range of brand switch series. This is possible because the range includes suitable adapters for brand switches.

▶ Using the existing switch designs ensures that the style, form and design of your interior design concept is not affected.

▶ Convenient control directly on the device itself using the push-button, the Homematic IP app, the Homematic IP Remote controls or wall-mounted remote controls





► SIMPLY INTEGRATED

**BSM-I | SWITCHING MODULE FOR BRAND SWITCHES**

Article no. 155999A0A



► Flush-mounted actuator for switching connected lights

- Compact design for installation in standard flush-mount boxes
- With the appropriate adapter, the device can be integrated into the most popular designs of leading switch manufacturers: Legrand, Schneider Electric and Feller
- The integrated measuring function enables the reliable detection of the switching status of all switching points.
- Can also be used in cross and changeover circuits.

**BDT-I | DIMMING ACTUATOR FOR BRAND SWITCHES**

Article no. 159157A0



► Optimised for modern light sources and therefore ideal for small loads (e.g. LEDs)

- With the appropriate adapter, the device can be integrated into the most popular designs of leading switch manufacturers: Legrand, Schneider Electric and Feller
- The Homematic IP app enables infinitely variable dimming of connected lights in 1% steps.

**BBL-I | BLIND ACTUATOR FOR BRAND SWITCHES**

Article no. 158682A0



► Easily upgrade your existing buttons and switches for your blinds, rollers and awnings.

- Convenient operation via the Homematic IP app, via Homematic IP Remote control, directly via the rocker switch or via voice command (e.g. via Amazon Alexa or Google Assistant)
- With the appropriate adapter, the device can be integrated into the most popular designs of leading switch manufacturers: Legrand, Schneider Electric and Feller



► SIMPLY COMFORTABLE

## ADAPTERS FOR BRAND SWITCH SYSTEMS

- With the help of adapters for various switch series, Homematic IP Actuators for Brand Switches can be integrated easily into existing installations from a range of manufacturers and designs inexpensively and without major installation work.
- Simply replace existing switches (in case of appropriate wiring conditions) by Homematic IP Actuators for Brand Switches and take advantage of the additional comfort with smart home technology.
- You will find a list of switch series that our adapters are suitable for in the respective data sheets at: [homematic-ip.com](http://homematic-ip.com).



**LEGRAND ADAPTER**



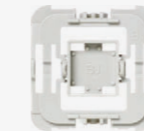
Article no. 156098A2

**SCHNEIDER ELECTRIC ADAPTER**



Article no. 156103A2

**FELLER ADAPTER**



Article no. 156111A2

**SCHNEIDER ELECTRIC 2 ADAPTER**

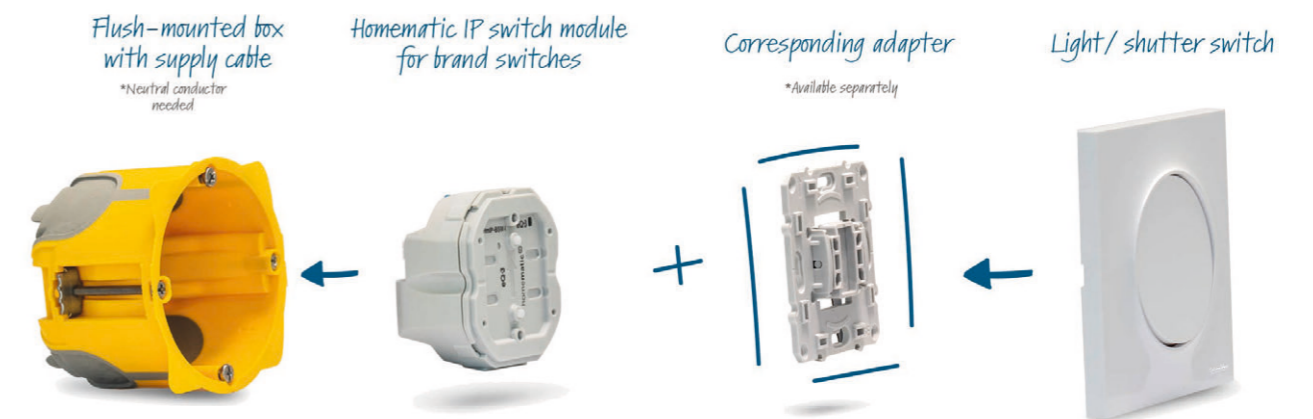


Article no. 156107A2

Please check the availability in your country. You will find an overview on page 94.



**INSTALLATION**







You cannot influence the weather, but you can protect your home against it with the devices from our "Weather and environment" range!

WEATHER ANNOUNCERS ARE OLD HAT

## Weather and environment

### Smarter protection against wind and weather



The sun is shining particularly brightly and your awning is extended out to 80%. A huge storm is approaching and your shutters are automatically lowered: **The Homematic IP products for weather and environment enable your smart home to adapt automatically to the current weather conditions.**

#### How this works:

The weather sensors measure all the relevant weather data such as the temperature, humidity, wind speed, brightness and sunshine duration, and send this data wirelessly to the connected Homematic IP components, such as the blind and shutter actuators. The rules that you have defined then ensure that the Homematic IP devices take the appropriate action.

With wireless communication and battery operation, you can set up the weather sensors in any position in your garden. The weather sensors are available in three versions: basic, plus and pro. In addition to the temperature, humidity, etc., the plus version also analyses the start and amount of rain, while the pro version also shows the wind direction.





# WEATHER SENSORS

- ▶ The **Homematic IP Weather Sensors** reliably and precisely measure the temperature, humidity, wind speed, brightness (relative) and duration of sunshine – and further functions are available depending on the model.
- ▶ Actual values displayed **in the Homematic IP app**
- ▶ **Multiple applications** in combination with other Homematic IP devices – e.g. raising shutters during strong wind to protect them from being damaged, and extending awnings when temperatures are high
- ▶ **Flexible use** in outdoor areas with wireless communication and battery operation



▶ THE ENTRY-LEVEL MODEL

## SWO-B | WEATHER SENSOR – basic

Article no.  
152056A0



- ▶ Reliable and precise measurement of the temperature, humidity, wind speed, relative brightness and duration of sunshine



▶ TAKING ADVANTAGE OF WEATHER DATA

## SWO-PL | WEATHER SENSOR – plus

Article no.  
152057A0



- ▶ Reliable and precise measurement of the temperature, humidity, wind speed, relative brightness, duration of sunshine and, in addition, the amount of rain and how long it rains for

Article no.  
151821A0

## SWO-PR | WEATHER SENSOR – pro

- ▶ Reliable and precise measurement of the temperature, humidity, wind speed, relative brightness, duration of sunshine, the amount of rain and how long it rains for, and, in addition, the wind direction



▶ THE PROFESSIONAL





► COMPACT

**STHO | TEMPERATURE AND HUMIDITY SENSOR**  
– outdoor

Article no.  
150573A0



► Measures the temperature and humidity in outdoor areas and displays this data in the Homematic IP app

- Flexible and easy wall mounting thanks to the supplied plugs and screws or use as a free-standing unit
- Available in white (HmIP-STHO) and anthracite (HmIP-STHO-A)



**STHO-A | TEMPERATURE AND HUMIDITY SENSOR**  
– outdoor, anthracite

Article no.  
150574A0



► Measures brightness (in lux) in outdoor areas

- Multiple applications in combination with other Homematic IP devices (e.g. switching lights on during darkness and moving shutters down in case of strong sunshine)
- Immediately ready for use thanks to battery operation and wireless communication
- Flexible and easy wall mounting thanks to the supplied plugs and screws or use as a free-standing unit



► THE SUN'S BEST FRIEND

**SLO | LIGHT SENSOR – outdoor**

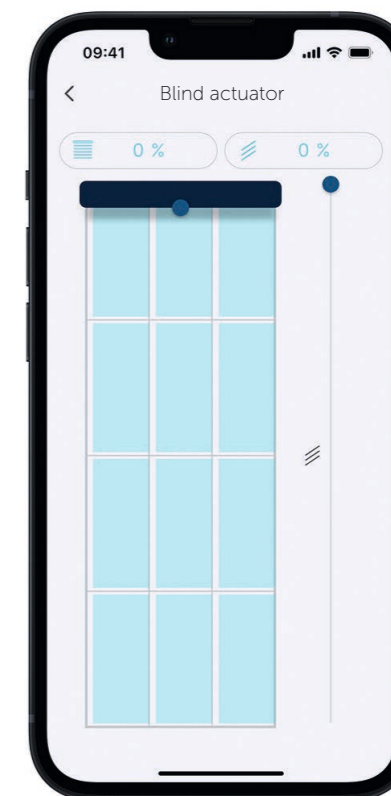
Article no.  
151566A0



**SMART WEATHER SENSORS**

With the weather sensors, the Homematic IP smart home system is automatically adjusted to the current weather condition. In combination with other Homematic IP devices, the sensors can automatically trigger commands for moving awnings, interior blinds and shutters up or down in the event of specific weather conditions, ensuring the active protection of your home.

In this respect, users have unlimited possibilities for creating individual rules. Thus, it is possible for example, in case of strong sunlight and inactive security mode, that the awning is automatically extended to 80% or that, with a previously defined rainfall volume, the drainage pump is activated for a certain period of time.







Remote controls and buttons are simply practical! Are you taking a break from your smartphone at home? No problem with our buttons and remote controls.

SIMPLY WITHOUT A SMARTPHONE

## Remote controls and buttons

### Smart operation



**A smart home should also be smart to operate.** But you don't always want to take out your smartphone for this. As an alternative, you can control your Homematic IP components with control devices such as buttons and remote controls.

**Homematic IP Wall-mount Remote Controls** can be integrated easily into existing switch solutions or positioned anywhere in the room. This is because, in contrast to conventional wall switches, they do not require an external power supply because they are battery operated and use wireless communication.

You can use the **Homematic IP Key Ring Remote Control** to switch the alarm function of your smart home on and off at the touch of a button. You can also switch and dim lighting and control other devices with the wide range of Homematic IP Remote Controls and buttons.

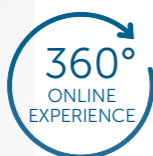




**WRC2 | WALL-MOUNT REMOTE CONTROL**

– 2 buttons

Article no.  
140665A0



▶ Wireless wall-mount remote control with two channels for the central control of Homematic IP devices, universal in use

▶ Flexible in use with battery operation, powered by 2x AAA batteries

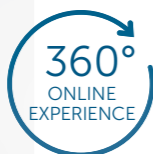
▶ FLEXIBLE USE IN YOUR SMART HOME



**WRC2-A | WALL-MOUNT REMOTE CONTROL**

– 2 buttons, anthracite

Article no.  
159881A0

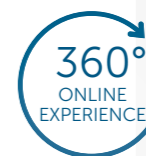


Article no.  
142308A0

**WRC6 | WALL-MOUNT REMOTE CONTROL**

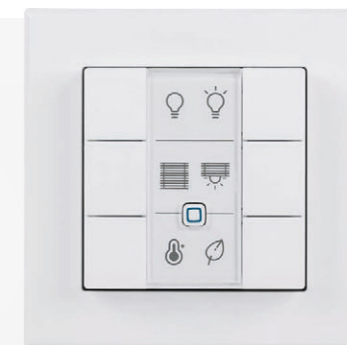
– 6 buttons

▶ Features three freely configurable button pairs for conveniently controlling paired devices



▶ The labelling field can be replaced and filled out based on your requirements.

▶ Flexible in use with battery operation, powered by 2x AAA batteries



▶ INDIVIDUALITY

Article no.  
159828A0

**WRC6-A | WALL-MOUNT REMOTE CONTROL**

– 6 buttons, anthracite







► EVERYTHING UNDER CONTROL

**RC8 | REMOTE CONTROL – 8 buttons**

Article no. 142307A0



► Remote control with four individually configurable buttons for universal use

- Convenient control of paired devices, enabling the switching and dimming of lights, for example.
- System functions, such as eco mode, can be activated with just the touch of a button
- With replaceable labelling field on the underside of the remote control for labelling the button functions

**KRC4 | KEY RING REMOTE CONTROL – 4 buttons**

Article no. 140740A0



► The Homematic IP Key Ring Remote Control – **4-buttons** – features four freely configurable buttons, enabling the convenient control of paired devices and functions.

- Fibreglass-reinforced and halogen-free material for optimum stability and environmental compatibility



► KEY RING FOR CONVENIENT CONTROL

## THE ALL-ROUNDER – FIELDS OF APPLICATION

Inconspicuous and small: our flush-mounted contact interfaces are very flexible in their integration, and add smart technology to switches, buttons and contacts. They enable lights and shutters to be controlled incredibly easy.

Thanks to a long-lasting battery supply, a connection to the power supply is not necessary and, in combination with the particularly flat design, installation in standard flush-mount boxes is possible - even behind switch inserts that have already been installed.

Article no. 153489A0

**FCI1 | CONTACT INTERFACE FLUSH-MOUNT – 1 channel**

- Enables the upgrade, for example, of conventional, floating buttons with one or six (FCI6 model) buttons for intelligent and tailored wireless control

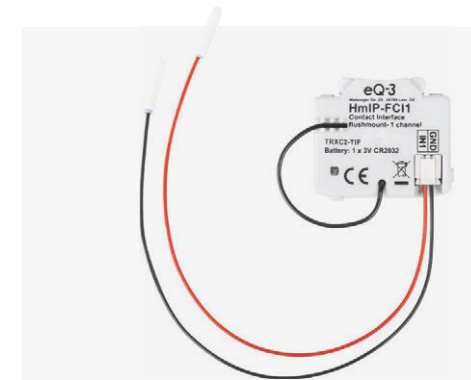


- Integration of switches, buttons and (window) contacts into the Homematic IP system for controlling lights and shutters, for example

- Easy installation thanks to battery operation – no connection to the power supply needed

- Enables convenient integration and the continued use of existing switches and switch series

- Battery life of two years with 1x CR2032 battery



► THE ALL-ROUNDER

Article no. 153501A0

**FCI6 | CONTACT INTERFACE FLUSH-MOUNT – 6 channels**

- Battery life of three years with 2x AAA batteries







Would you like to create even more convenience and versatility with your smart home devices? This is very easy with our practical accessories.

EXTRAS FOR ALL AREAS

## Accessories

Extras for a particularly smart home

You can use your Homematic IP devices with even more versatility and convenience – with our practical accessories, such as:

- ▶ **Multi IO Box DIN rail adapter:** for easily mounting the Multi IO Box onto a DIN rail
- ▶ **Desk Stand:** for placing battery-operated devices with a 55 mm design, such as wall switches and wall thermostats, conveniently on a desk

The entire range of accessories is perfectly suited both technically and visually to the respective area and can be installed quickly.





► MORE POWER FOR 55 MM DEVICES

**DS55 | DESK STAND**

Article no. 141743



► Devices with a 55 mm design can be installed in the desk stand without the need for tools.

- Flexible positioning with battery operation and slip-resistant base (on a shelf or table, for example)
- Universal use for operating battery-powered devices with a 55 mm design (e.g. the Homematic IP Wall Thermostat and the Homematic IP Wall-mount Remote Control)

Article no. 150123A2

**DRA | DIN RAIL ADAPTER FOR MULTI IO BOX**



► DIN rail adapter for the easy mounting of the Homematic IP Multi IO Box onto standard DIN rails

- Suitable for all 35 mm DIN rails in accordance with DIN EN 60715
- Quickly and securely installed by snapping it onto the DIN rail

Available on request



► IDEAL FOR THE DIN RAIL



► ENSURING EVERYTHING REMAINS WHERE IT BELONGS

**CC-SYS-O-CY | THEFT PROTECTION FOR RADIATOR THERMOSTATS**

Article no. 103012



► Ideal for use in public institutions or office buildings

- Theft protection and prevention of the unauthorised removal of electronic radiator thermostats

Available on request

Article no. 170046

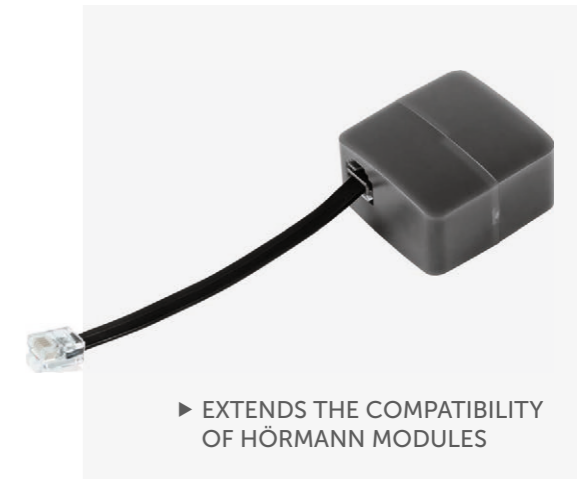
**HAP1-HCP | HÖRMANN HAP1 HCP ADAPTER**



► Adapter for Hörmann drives of the series:

- Liftronic 700-2/800-2
- RollMatic 2
- SupraMatic/ProMatic Series 4

Available on request



► EXTENDS THE COMPATIBILITY OF HÖRMANN MODULES

► IDEAL WITH:  
Homematic IP Radiator Thermostat (see page 28)



► SIMPLY SNAP-ON

**EQ3-ADA-VA80 | VALVE ADAPTER FOR VALVE DRIVES, 5 units**

Article no. 154373A2



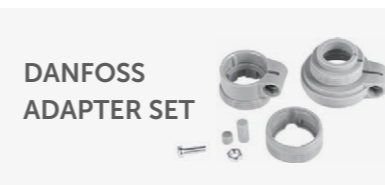
► Adapter for the easy installation of valve drives and radiator thermostats on valves with a thread size of M30 x 1.5 mm

- Can be used universally with the most common valves from leading manufacturers such as Heimeier, MNG, Junkers, Honeywell-Braukmann, Oventrop, Comap, Schösser and many more
- One valve adapter is included in the scope of delivery of each valve drive – motorised (HmIP-VDMOT).

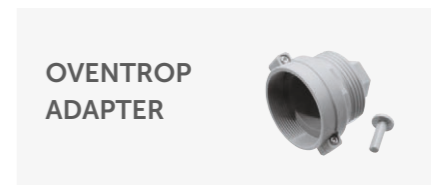
Available on request

**ADAPTERS FOR RADIATOR THERMOSTATS**

- Easy installation of Homematic IP Radiator Thermostats on valves with a thread size of M30 x 1.5 mm without adapter. For other thread sizes, use suitable adapters for the manufacturers Vaillant, Oventrop, Herz, Comap and Danfoss.



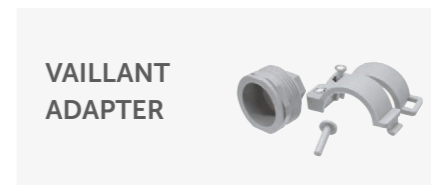
Article no. 103094A2



Article no. 103263A2



Article no. 103090A2



Article no. 103097A2





Would you like to extend your upstairs rooms or upgrade your home to be smart? Then the wireless devices for the DIN rail are perfect for you. Interfering in the installation at room level is not necessary and your existing interior design is retained.

WIRELESS ON THE DISTRIBUTION BOARD

## Wireless devices for the DIN rail

### Simply smart retrofitting

You can easily extend your home to be smart and control it from **the distribution board with our wireless devices for the DIN rail.**

**Would you like to extend your upstairs rooms, for example, or simply retrofit them?** Our wireless devices for the DIN rail make this possible. There is no need to interfere with the installation at room level and you can also be as creative as you like in terms of design, because you can simply continue to use existing switches and buttons.

The spring-loaded terminals ensure that mounting is particularly easy. Each channel can be assigned to a different phase. The device enables the independent control of each individual channel.

**Very practical:** Four device types are available to ensure that you can fully utilize the added value in your smart home:

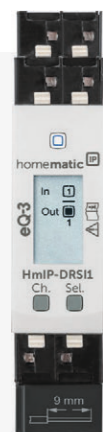
- ▶ The particularly narrow **Switch Actuator – 1 channel** – with a width of just 1 WM, is ideal for replacing impulse switches. You can control your lighting directly via conventional buttons, wirelessly with Homematic IP Buttons, Remote Controls and, naturally, at any time using the smartphone app. The **Switch Actuator – 4 channels** – even enables you to switch up to four channels.
- ▶ The **Dimming Actuator – 3 channels** – enables you to dim up to three lights almost seamlessly, so that you can create the ideal lighting mood in your smart home.
- ▶ The **Blind Actuator – 4 channels** – enables the simple and intelligent control of your shading elements. Being able to raise and lower up to four connected blinds, shutters or awnings brings more comfort and security to your smart home.



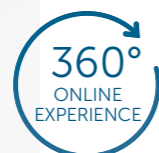


# WIRELESS DEVICES FOR THE DIN RAIL

- ▶ The **Homematic IP wireless devices for the DIN rail** can be installed easily on standard DIN rails. This makes a **wide range of control options** available directly via conventional 230 V buttons and switches, wirelessly via Homematic IP Buttons and Remote Controls, and even at any time via the smartphone app and via voice control.
- ▶ Increased added value for your smart home: **suitable for extensions (e.g. upstairs rooms) and for retrofitting**. Can be installed easily on the distribution board and, thanks to the compact housing, does not take up much room. Interfering with the room-level installation is not necessary. **Existing switches and buttons can continue to be used easily**.
- ▶ Each switching channel of the actuator can be assigned to a different phase. The device enables the **independent control of each individual channel**.



▶ CAN REPLACE IMPULSE SWITCHES



## DRSI1 | SWITCH ACTUATOR FOR DIN RAIL MOUNTING – 1 channel

Article no. 154684A0



- ▶ Particularly narrow (just 1 WM wide) for easy mounting on a DIN rail, for switching one channel from the distribution board

- ▶ Two functions in one: The switch actuator not only enables a connected light to be switched on and off conveniently via an independent channel, but can also replace a conventional impulse switch.
- ▶ Use, for example, in combination with 230 V motion detectors (with 230 V switching output)

### TECHNICAL SPECIFICATIONS

- 1x 230 V input signal (button/switch/sensor)
- 1 maximum connected power: 10 A / 2,300 W

## DRSI4 | SWITCH ACTUATOR FOR DIN RAIL MOUNTING – 4 channels

Article no. 154431A0



- ▶ Up to four connected lights can be switched on and off conveniently via independent channels for setting the ideal lighting mood in your smart home
- ▶ Suitable for a range of loads, such as resistive loads, light bulbs, halogen lamps, LEDs, electric radiators, etc.
- ▶ Two functions in one: The switch actuator not only enables a connected light to be switched on and off conveniently via an independent channel, but can also replace a conventional impulse switch.
- ▶ Use, for example, in combination with 230 V motion detectors (with 230 V switching output)



▶ FLEXIBLE SWITCHING

### TECHNICAL SPECIFICATIONS

- 4x 230 V input signals (button/switch/sensor)
- 4 maximum connected powers: 16 A / 3,680 W

## DRDI3 | DIMMING ACTUATOR FOR DIN RAIL MOUNTING – 3 channels

Article no. 154434A0



- ▶ Practically seamless dimming of up to three connected lights via independent channels for the ideal lighting mood
- ▶ Suitable for a range of light sources, such as dimmable LEDs and energy-saving lamps, light bulbs and halogen lamps

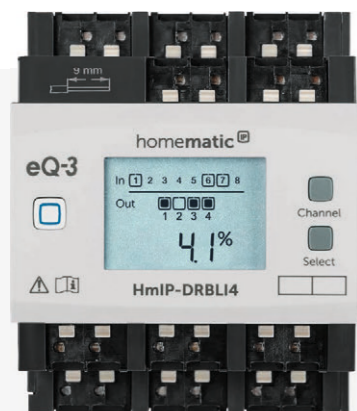


▶ INTELLIGENT SWITCHING AND DIMMING

### TECHNICAL SPECIFICATIONS

- 3x 230 V input signals (button/switch/sensor)
- 3 maximum connected powers: 200 W (conventional light sources)





**DRBLI4 | BLIND ACTUATOR  
FOR DIN RAIL MOUNTING – 4 channels**

Article no.  
154362A0



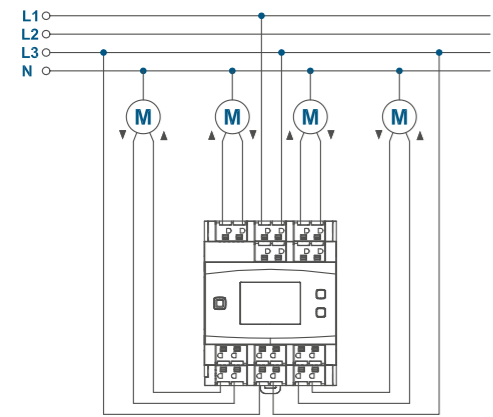
► Individual raising and lowering of up to four connected blinds, shutters or awnings via independent channels for increased comfort and security

- Blinds can be controlled automatically to coincide with the sunrise and sunset. Thanks to the automatic shading, intelligent thermal protection prevents rooms being overheated in summer.
- With configurable time profiles, blinds are raised and lowered automatically to adapt to the residents' daily routines.

► CONVENIENT  
BLIND CONTROL

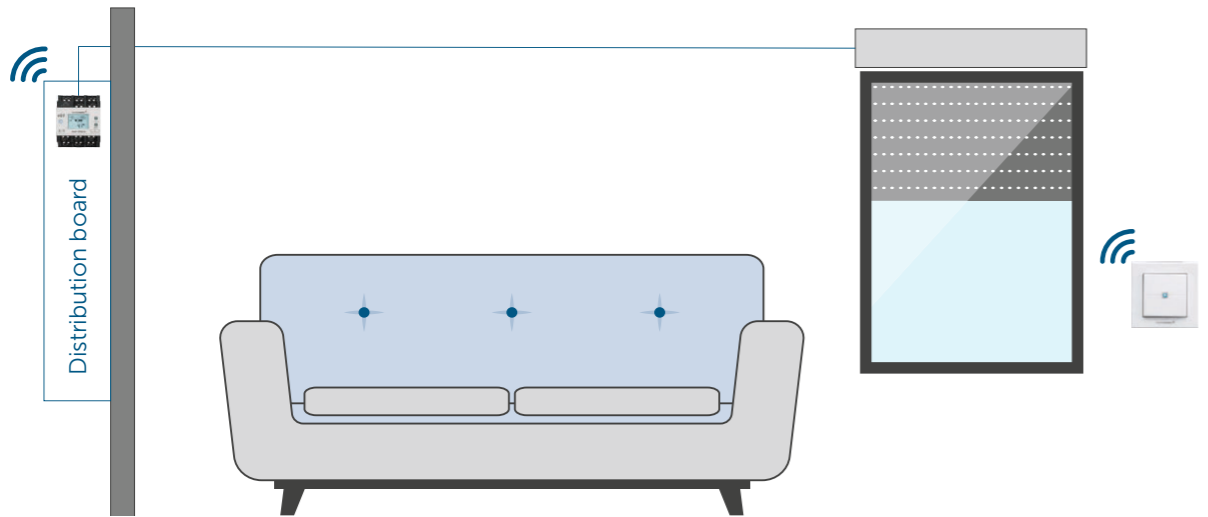
**TECHNICAL SPECIFICATIONS**

- 4x 230 V input signals (button, switch, sensor)
- 4 maximum connected powers: 500 W (changeover contact up/down)



Connection of the tube motors (outputs)

- Easy configuration and execution of the calibration run via the Homematic IP app
- Function and wiring checks via the illuminated device display – without prior programming
- Independent control of the blinds/shutters



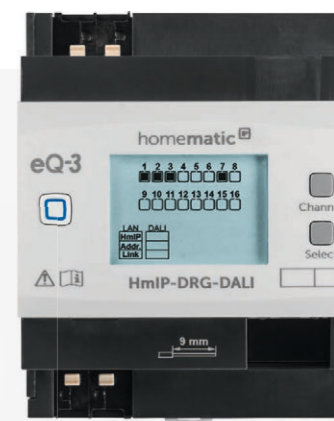
Article no.  
157283A1

**DRG-P-DALI | DALI GATEWAY**



► Control DALI lights reliably and intelligently: via the Homematic IP smartphone app, the Homematic IP Remote Control, voice commands with Amazon Alexa / Google Assistant or via a switch.

- Up to 32 DALI lights can be assigned to the channels of the gateway and integrated into up to 16 lighting groups in your smart home.
- Suitable for a wide range of DALI light sources: Fluorescent lamps (DT0), discharge lamps (DT2), low-voltage halogen lamps (DT3), dimmers for light bulbs (DT4), conversion to DC (0-10 V, DT5), LED modules (DT6), switching functions (DT7), and colour and colour temperature control (DT8)



► DALI LIGHTS  
INTELLIGENTLY INTEGRATED





# Register and approvals per country

|  | FR | IT | ES | NL | Comments                               |                |
|--|----|----|----|----|--|----------------|
| <b>A</b>   Access Point   HAP.....11   | x  | x  | x  | x  | UK version available on request        |                |
| Access Point, anthracite   HAP-A.....11  | x  | x  | x  | x  |  |                |
| Adapters for brand switches.....71   | x  |    |    |    |  |                |
| Adapters for radiator thermostats.....87   | x  | x  | x  | x  |  |                |
| Alarm Siren   ASIR-2.....46  | x  | x  | x  | x  |  |                |
| Alarm Siren – outdoor   ASIR-O.....46  | x  | x  | x  | x  |  |                |
| <b>B</b>   Blind Actuator – flush-mount   FBL.....56                             |    | x  | x  |    | Adapter needed                         |                |
| Blind Actuator for Brand Switches   BBL-I.....70                                 | x  |    |    |    |  |                |
| Blind Actuator for DIN rail mounting – 4 channels   DRBLI4.....92                | x  | x  | x  | x  |  |                |
| <b>C</b>   Contact Interface flush-mount – 1 channel   FCI1.....83               | x  | x  | x  | x  |  |                |
| Contact Interface flush-mount – 6 channels   FCI6.....83                         | x  | x  | x  | x  |  |                |
| <b>D</b>   DALI Gateway   DRG-P-DALI.....93                                      | x  | x  | x  | x  | Adapter needed<br>Available on request |                |
| Desk Stand   DS55.....86   | x  | x  | x  | x  |  |                |
| Dimming Actuator for DIN rail mounting – 3 channels   DRDI3.....91               | x  | x  | x  | x  |  |                |
| Dimming Actuator for Brand Switches   BDT-I.....70                               | x  |    |    |    |  |                |
| DIN rail Adapter for Multi IO Box   DRA.....87                                   |    |    |    |    |  |                |
| Door Lock Drive   DLD.....60   | x  | x  | x  | x  |  |                |
| Door Lock Drive, anthracite   DLD-A.....60                                       | x  | x  | x  | x  |  |                |
| Door Lock Drive, silver   DLD-S.....60   | x  | x  | x  | x  |  |                |
| <b>F</b>   Floor Heating Controller – 12 channels, motorised   FALMOT-C12.....38 | x  | x  | x  | x  |  |                |
| <b>H</b>   Hörmann Adapter   HAP1-HCP.....87                                     |    |    |    |    | Available on request                   |                |
| Home Control Unit   HCU1.....10  | x  | x  | x  | x  |  |                |
| Home Control Unit, anthracite   HCU1-A.....10                                    | x  | x  | x  | x  |  |                |
| <b>K</b>   Keypad   WKP.....61   | x  | x  | x  | x  |  |                |
| Key Ring Remote Control – 4 buttons   KRC4.....82                                | x  | x  | x  | x  |  |                |
| Key Ring Remote Control – access   KRCK.....60                                   | x  | x  | x  | x  |  |                |
| Key Ring Remote Control – alarm   KRCA.....47                                    | x  | x  | x  | x  |  |                |
| <b>L</b>   LED Controller – RGBW   RGBW.....53                                   | x  | x  | x  | x  |  |                |
| Light Sensor – outdoor   SLO.....76  | x  | x  | x  | x  |  |                |
| <b>M</b>   Module for Hörmann Drives   MOD-HO.....61                             | x  | x  | x  | x  | Available on request                   |                |
| Motion Detector with Brightness Sensor – outdoor   SMO-2.....50                  | x  | x  | x  | x  |  |                |
| Motion Detector with Brightness Sensor – outdoor, anthracite   SMO-A-2.....50    | x  | x  | x  | x  |  |                |
| Motion Detector with Brightness Sensor – indoor   SMI.....45                     | x  | x  | x  | x  |  |                |
| Motion Detector with Switching Actuator – outdoor   SMO230.....51                | x  | x  | x  | x  |  |                |
| Motion Detector with Switching Actuator – outdoor, anthracite   SMO230-A.....51  | x  | x  | x  | x  |  |                |
| Multi IO Box   MIOB.....39   |    |    |    |    |  |                |
| <b>P</b>   Pluggable Dimmer – trailing edge   PDT.....52                         |    |    |    |    | Various country versions available     |                |
| Pluggable Switch   PS-2.....67   |    | x  | x  | x  |  |                |
| Pluggable Switch and Meter   PSM-2.....67  |    |    |    |    | Various country versions available     |                |
| Presence Sensor – indoor   SPI.....51  | x  | x  | x  | x  |  |                |
| <b>R</b>   Radiator Thermostat   eTRV-2.....28                                   | x  | x  | x  | x  | UK version available on request        |                |
| Radiator Thermostat – basic   eTRV-B-2.....24                                    | x  | x  | x  | x  |  |                |
| Radiator Thermostat – Evo   eTRV-E.....29  | x  | x  | x  | x  | UK version available on request        |                |
| Radiator Thermostat – Evo, anthracite   eTRV-E-A.....29                          | x  | x  | x  | x  |  |                |
| Radiator Thermostat – Evo, silver   eTRV-E-S.....29                              | x  | x  | x  | x  |  |                |
| Radiator Thermostat – flex   eTRV-F.....28                                       | x  | x  | x  | x  |  |                |
| Remote Control – 8 buttons   RC8.....82  | x  | x  | x  | x  |  |                |
| <b>S</b>   Shutter Actuator – flush-mount   FROLL.....56                         |    | x  | x  |    |  | Adapter needed |
| Starter Set Alarm   SK7.....20   | x  | x  | x  | x  |  |                |
| Starter Set Heating   SK16-2.....20  | x  | x  | x  | x  |  |                |
| Switch Actuator and Meter (16 A) – flush-mount   FSM16.....64                    |    | x  | x  | x  |  |                |
| Switch Actuator and Meter – flush-mount   FSM.....64                             |    | x  | x  |    |  |                |
| Switch Actuator for DIN rail mounting – 1 channel   DRSI1.....90                 | x  | x  | x  | x  |  |                |
| Switch Actuator for DIN rail mounting – 4 channels   DRSI4.....91                | x  | x  | x  | x  |  |                |
| Switch Actuator for Heating Systems – 2 channels   WHS2.....39                   | x  | x  | x  | x  |  |                |
| Switch Actuator with Push-button Input (16 A) – flush-mount   FSI16.....65       | x  | x  | x  | x  |  |                |
| Switch Circuit Board   PCBS.....65   | x  | x  | x  | x  |  |                |
| Switching Module for Brand Switches   BSM-I.....70                               | x  |    |    |    |  |                |

|   | FR | IT | ES | NL | Comments             |                      |
|---|----|----|----|----|----------------------|----------------------|
| <b>T</b>   Temperature and Humidity Sensor – indoor   STH.....34                  | x  | x  | x  | x  | Available on request |                      |
| Temperature and Humidity Sensor – indoor, anthracite   STH-A.....34               | x  | x  | x  | x  |                      |                      |
| Temperature and Humidity Sensor – outdoor   STHO.....76                           | x  | x  | x  | x  |                      |                      |
| Temperature and Humidity Sensor – outdoor, anthracite   STHO-A.....76             | x  | x  | x  | x  |                      |                      |
| Temperature and Humidity Sensor with Display – indoor   STHD.....35               | x  | x  | x  | x  |                      |                      |
| Temperature and Humidity Sensor with Display – indoor, anthracite   STHD-A.....35 | x  | x  | x  | x  |                      |                      |
| Theft Protection for Radiator Thermostats   CC-SYS-O-CY.....86                    |    |    |    |    |                      |                      |
| Tilt and Vibration Sensor   STV.....45  | x  | x  | x  | x  |                      |                      |
| <b>U</b>   Universal Actuator – 0-10 V   WUA.....65                               | x  | x  | x  | x  |                      | Available on request |
| <b>V</b>   Valve Adapter for Valve Drives   EQ3-ADA-VA80.....86                   |    |    |    |    |                      |                      |
| Valve Drive – motorised   VDMOT.....38  | x  | x  | x  | x  |                      |                      |
| <b>W</b>   Wall-mount Remote Control – 2 buttons   WRC2.....80                    | x  | x  | x  | x  |                      |                      |
| Wall-mount Remote Control – 2 buttons, anthracite   WRC2-A.....80                 | x  | x  | x  | x  |                      |                      |
| Wall-mount Remote Control – 6 buttons   WRC6.....81                               | x  | x  | x  | x  |                      |                      |
| Wall-mount Remote Control – 6 buttons, anthracite   WRC6-A.....81                 | x  | x  | x  | x  |                      |                      |
| Wall Thermostat – basic   WTH-B-2.....25  | x  | x  | x  | x  |                      |                      |
| Wall Thermostat – basic, anthracite   WTH-B-A.....25                              | x  | x  | x  | x  |                      |                      |
| Wall Thermostat with Humidity Sensor   WTH-1.....33                               | x  | x  | x  | x  |                      |                      |
| Wall Thermostat with Humidity Sensor   WTH-2.....32                               | x  | x  | x  | x  |                      |                      |
| Wall Thermostat with Humidity Sensor, anthracite   WTH-A.....32                   | x  | x  | x  | x  |                      |                      |
| Water Sensor   SWD.....45   | x  | x  | x  | x  |                      |                      |
| Weather Sensor – basic   SWO-B.....74   | x  | x  | x  | x  |                      |                      |
| Weather Sensor – plus   SWO-PL.....74   | x  | x  | x  | x  |                      |                      |
| Weather Sensor – pro   SWO-PR.....75  | x  | x  | x  | x  |                      |                      |
| Wiegand Interface   FWI.....61  | x  | x  | x  | x  |                      |                      |
| Window and Door Contact – optical   SWDO-2.....44                                 | x  | x  | x  | x  |                      |                      |
| Window and Door Contact – optical, anthracite   SWDO-A.....44                     | x  | x  | x  | x  |                      |                      |
| Window and Door Contact with magnet   SWDM-2.....24                               | x  | x  | x  | x  |                      |                      |







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