



# Smarter Home

Designed to make your life simpler

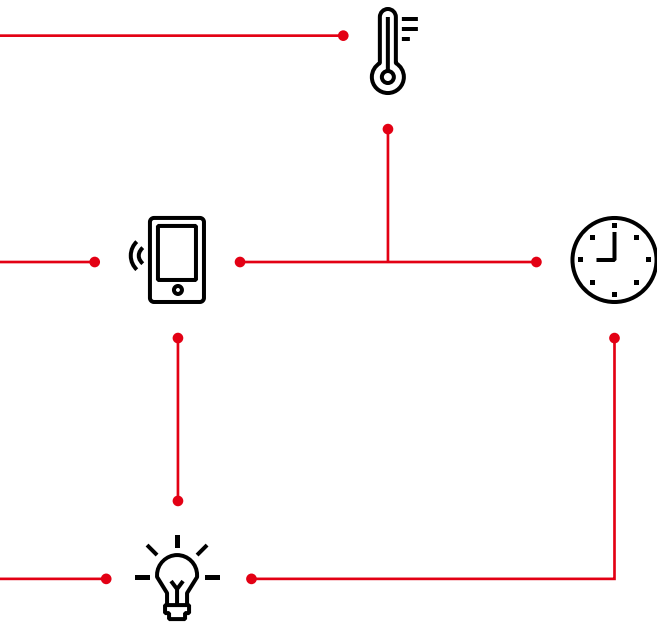
---

## Your Smarter Home

Designed to make your life simpler

---

Imagine the very best in comfort, security, design and energy efficiency for tomorrow's smart home, today. All the functions that can be controlled such as blinds, lighting, heating, air-conditioning or door communication are designed to make your life simpler and smarter.





---

## Simply smarter

When you live as you please

### **Diversity**

Our wide range of solutions offers you the right choice of products to make your life easier and safer.

### **Price and Performance**

High performance systems offer you many functions for a comparatively favourable price.

### **Expertise**

We care about your tomorrow, producing reliable and sustainable products for a smarter and safer life.

---

**Every Smart Home is unique and so are you. We offer you a diversity of different solutions and systems for your requirements. You can combine these and design your unique Smart Home. This brochure provides you with an overview of possibilities to make your home smarter.**

---

# Table of contents

## Functions

**008–009**      **Comfort**

**010–011**      **Energy**

**012–013**      **Safety**

## Control

**016–017**      **Control options**

## Diversity

**020–021**      **ABB-free@home®**

**022**            **ABB i-bus® KNX**

**023**            **ABB-Welcome**

## Advantages

**026–027**      **Switch ranges**

**028–029**      **Price and Performance**

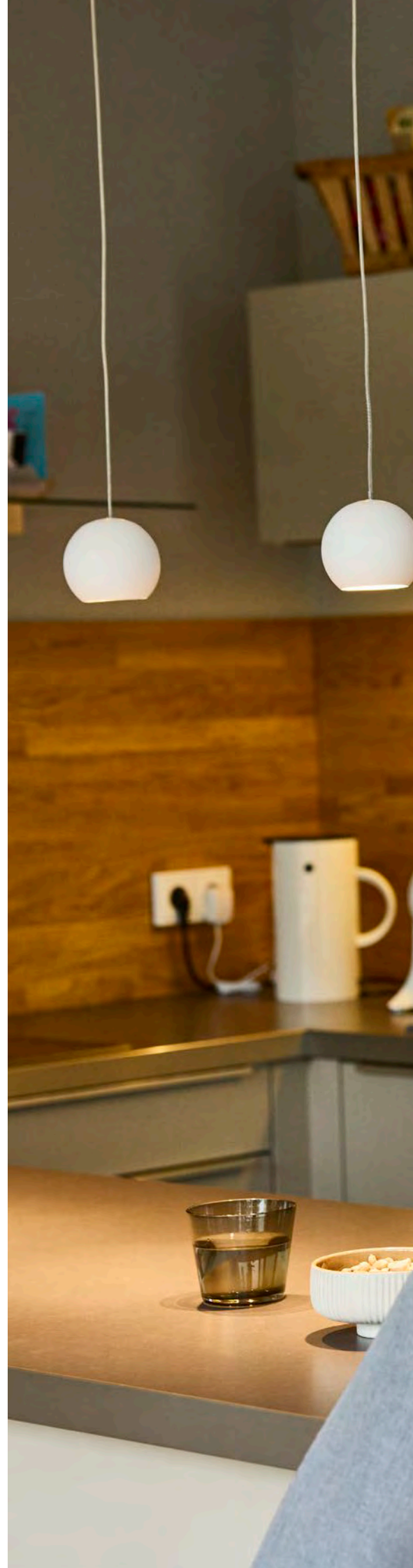
---

## Smarter Home

### Functions

---

Smart assistants. Almost endless possibilities for your comfort, safety and energy efficiency.

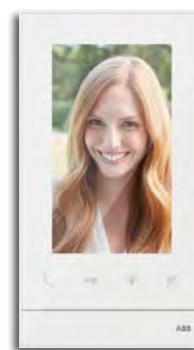
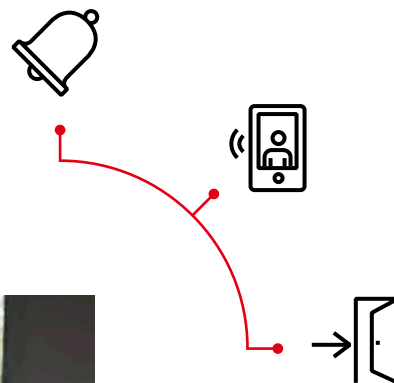
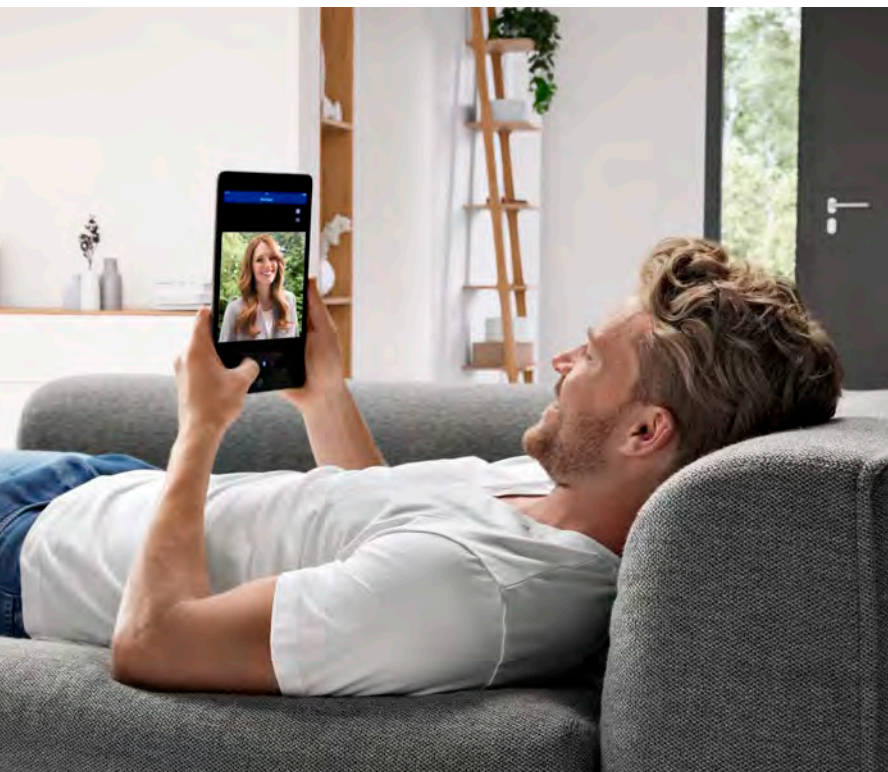




# Comfort

## Always in control of your front door

Switching on the lights, turning on the heating, lowering the blinds or controlling your front door – the functions of your Smart Home take over many of your daily tasks. They allow you to do more with less.



### Door communication

You are always in control of your front door, no matter where you are, right from your smartphone. Our ABB-Welcome door communication system offers diverse and comfortable functions you can use in combination with your home automation.





#### Digital assistants

Integrate Amazon Echo or Sonos into your Smart Home and you will benefit from even more comfortable functions.



#### Blind control

Smart roller blinds in all rooms care for the right light conditions, and this without you having to constantly operate the blinds.



#### Comfort scenes

Always the right atmosphere – combining and calling up light, temperature and position of the blinds according to your requirements.



#### Heating and air-conditioning

Our Smart Home devices allow you to easily heat or cool your home, for a perfect room temperature.



#### Light control

Adjust the lighting automatically to your mood or the time of day.



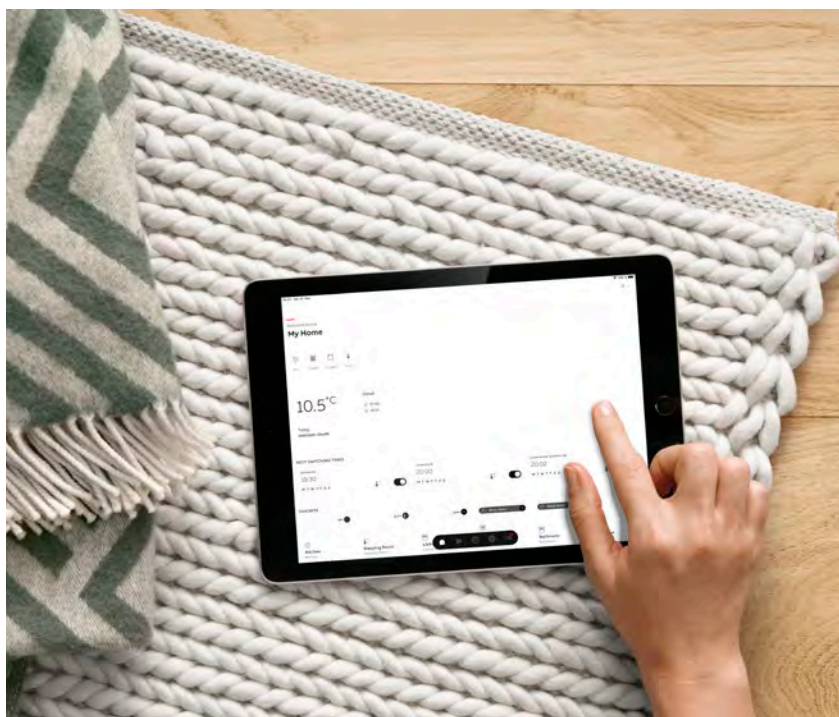
#### Philips Hue LED lamps

Integrating Philips Hue LED lamps into our home automation system allows you to give rooms an individual lighting mood.

From the simple control of lights and up to the perfect cinema evening.

#### Your advantages

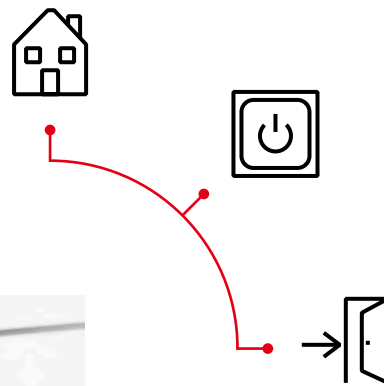
- Simple setting of light and comfort scenes
- Easy operation
- Integration of Philips Hue, Sonos and Amazon Echo
- Central or remote control
- Heating according to requirements: depending on the time of day and individually for each room
- Optional time control of blinds



# Energy

## The easiest way to switch off

When intelligently networked, the energy potential is fully utilized: Our Smart Home systems adapt the heating, lighting and blind control individually to your daily living habits and activate them only when required.



### Easy remote control

Always in the know about what is happening at home. Via app you can check at any time whether all the windows are closed or if someone has forgotten to switch off the lights. This makes it possible to maintain control – even while on holiday.



### Solar

Efficient use of self-produced solar energy by means of intelligent storage solutions for photovoltaic systems.



### Blind control

Automatically operated roller blinds protect against cold in the winter, while in the summer the temperature remains pleasantly cool.



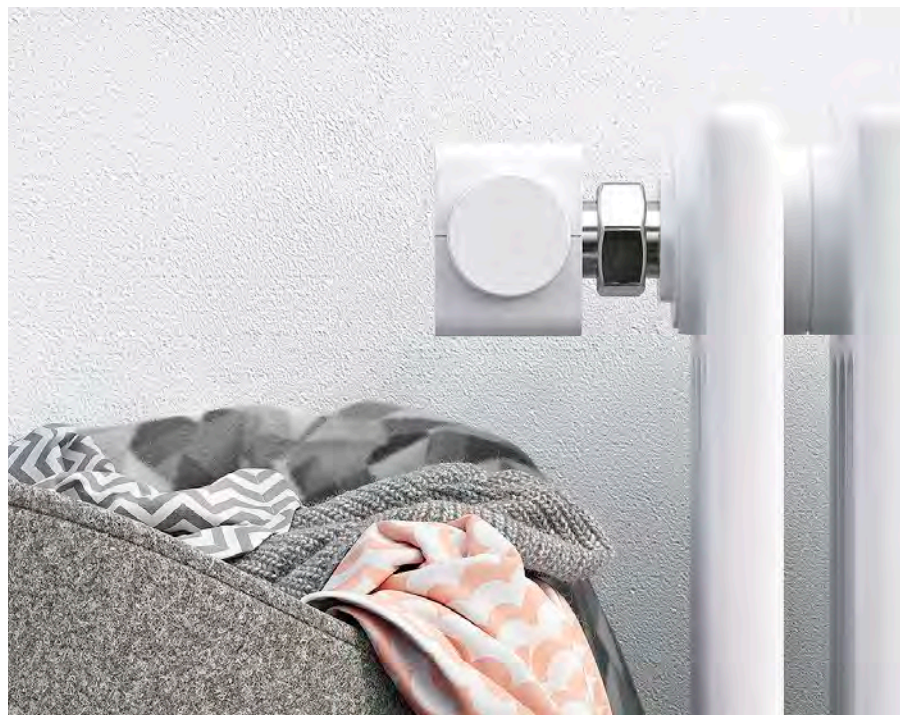
### Heating and air-conditioning

Efficient regulation of the room temperature by means of control that is practical and independent of the time of day.

To prevent the additional costs from becoming a nasty surprise.

### Your advantages

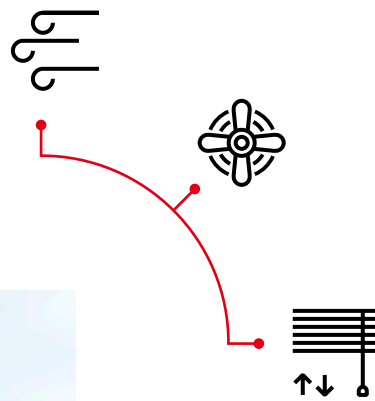
- Optimized energy efficiency due to improved insulation by means of roller blinds that have been moved down
- Smart heating in Eco operation
- Automatic deactivation of the heating when a window is open
- Local operation or remote controlled via app for smartphone and tablet



# Safety

## Stay relaxed whatever the weather

Are all windows closed and have all lights been switched off? Our Smart Home systems let you keep an eye on your home at all times and reassure you on the move that everything is in top order at home.



### Weather station

The weather station records climate data and sends them to your home automation system. As soon as wind starts, the blinds move up automatically. As soon as the sun shines, the blinds move down and protect your rooms against direct sunlight.



#### Door communication

With ABB-Welcome you are always in control of your front door, no matter where you are, right from your smartphone.



#### Overvoltage protection

Our surge arrester protects your electronic devices and data against overheating. This keeps you relaxed during thunderstorms.



#### Presence simulation

Simulate your presence and leave your home feeling at ease. You can easily create scenarios that make your home look alive.



#### Panic switch

With just a fingertip on the panic switch your house and garden is bathed in a dazzling bright light. An easy way to ward off uninvited guests.



#### Movement detector

Our detection systems with automatic lighting for the internal and external areas make your house and property safer.



#### Window monitoring

The window sensors monitor the current position of the window handle and inform you directly if there is a change. A very smart way to protect your home against burglars.

Installing intelligent movement detectors is like giving your home its own eyes and ears.

#### Your advantages

- Fast activation of emergency lighting
- Storm, rain and wind protection which responds to the weather
- Reliable protection from awnings and blinds against the influence of weather
- A variety of control options
- Call-up of weather data on the smartphone, tablet and display



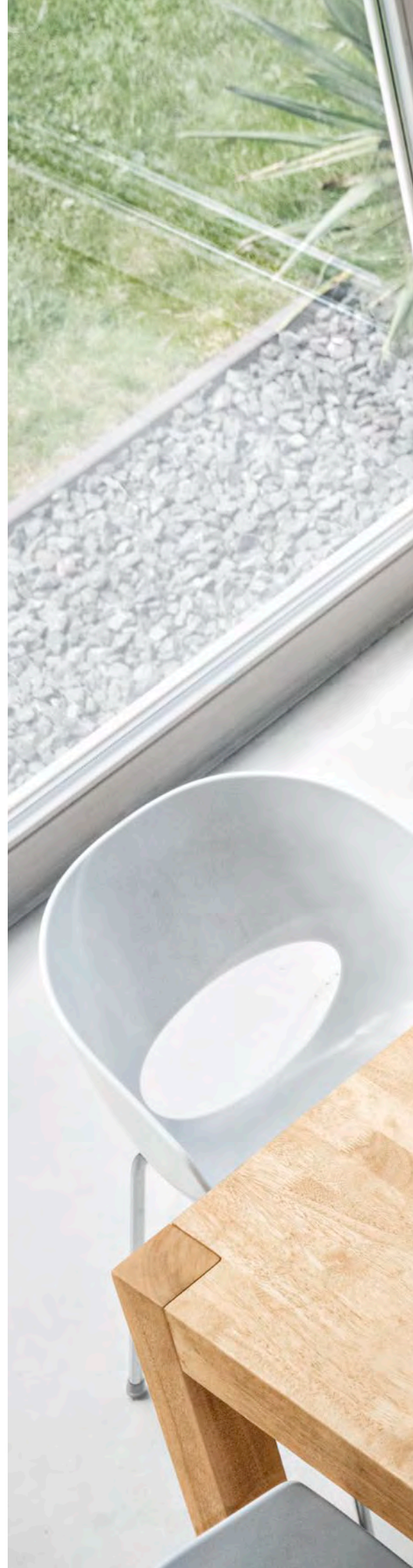
---

## Smarter Home

### Control

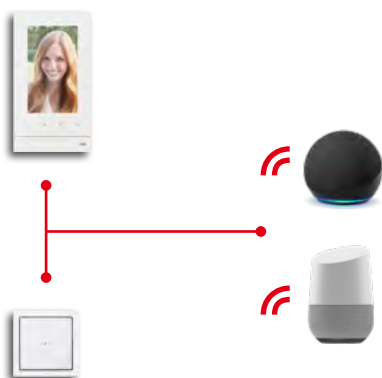
---

Everything under control.  
Decide for yourself how you  
would like to control your  
Smart Home.





# Simple control from a single source



## Via voice control

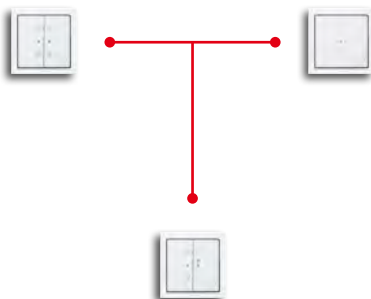
“Switch on the ceiling lamp in the living room”. The system answers: “Okay. The ceiling light has been switched on.” With the assistance of the intelligent voice control you can control the functions in your house via voice commands. Especially practical when you don't want to get up at the moment.



## Via Smart Home panel

The panel is configured with your personal settings and controls all functions in your living area from a central location on the wall. The touch screen is easy and comfortable to operate by swiping or tapping.





#### **Via Smart Home switch**

The classical operating mode to control your Smart Home is the switch. The modern design of our switches valorises every wall and the switches impress with their pleasant haptics and the hard-wearing user interface. They are available in different designs.

#### **Via Cloud**

With the aid of the app you gain access to your Smart Home from anywhere. Simply log in to the myBuildings portal, and then most functions can be checked and controlled with the smartphone or tablet via Cloud while travelling.

---

## Smarter Home

Diversity

---

Smart as desired. Decide yourself which system is best for you.





---

# Our systems

## Smarter design of living space

Whether you are moving to a new place, built a new house or undergoing a home renovation. We offer different systems that will help you to make your home more comfortable, valuable and smarter.



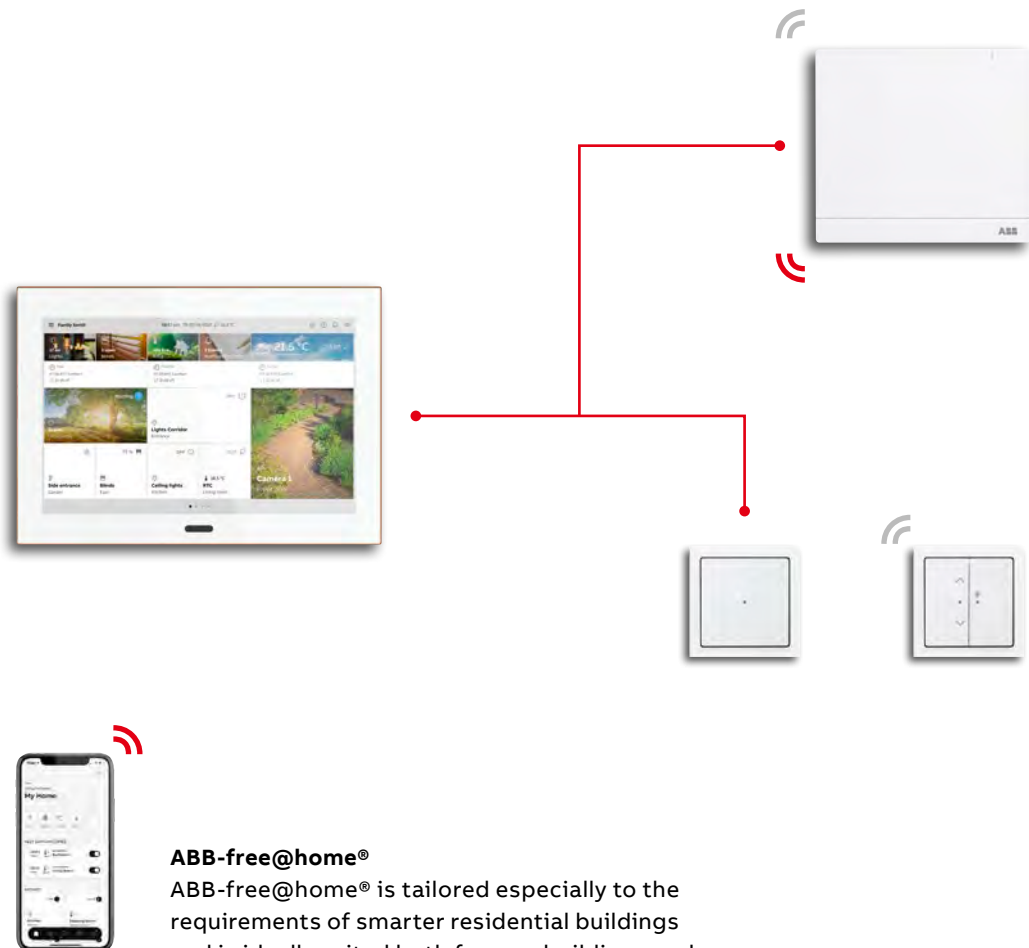
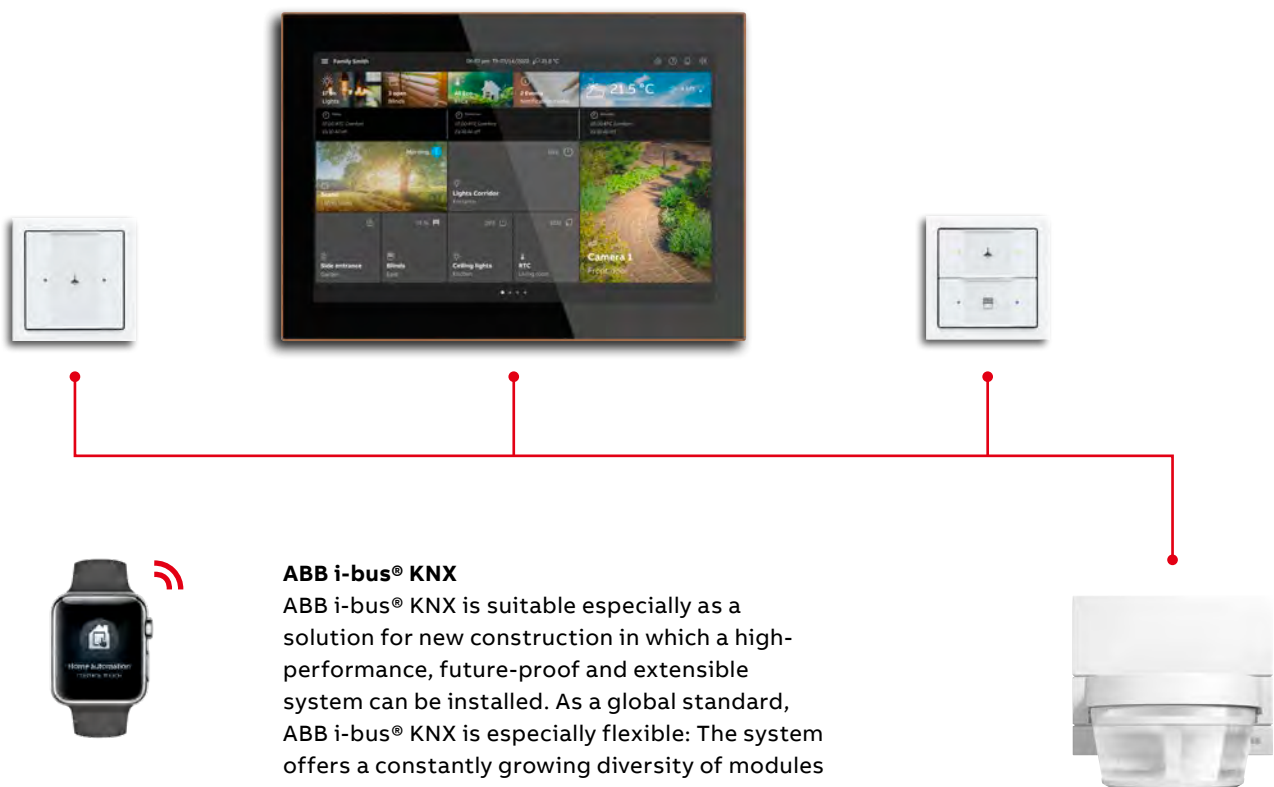
**ABB-free@home®**

ABB-free@home® is tailored especially to the requirements of smarter residential buildings and is ideally suited both for new buildings and renovation projects. Blinds, lights, heating, air-conditioning or door communication are easy to control and can be regulated to your personal requirements. The functions can be applied both individually and in combination with others. This means that you can determine the type and the number of functions you wish to control intelligently in the future. You also have the option of retrofitting desired functions at a later point in time.



**ABB i-bus® KNX**

ABB i-bus® KNX is suitable especially as a solution for new construction in which a high-performance, future-proof and extensible system can be installed. As a global standard, ABB i-bus® KNX is especially flexible: The system offers a constantly growing diversity of modules and can therefore be extended without limits. All functions can also be adapted at a later point in time.



—  
The entire diversity of products to make your life easier and safer



**ABB-Welcome**

While our ABB-Welcome door communication system is available as an individual solution, it can, however, also be flexibly combined with ABB-free@home® or ABB i-bus® KNX. The diverse indoor and outdoor solutions provide more safety and comfort around the door of your house.

---

## Smarter Home

### Advantages

---

More than a Smart Home.  
We offer you a complete  
solution that fulfils all wishes.







---

# Light switches and socket outlets

## A piece of design in your interior

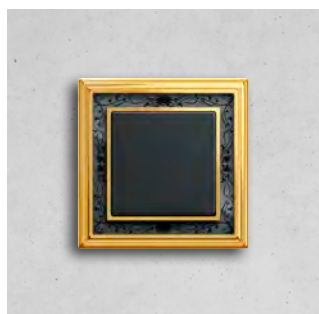
Discover the wide range of designs, colours, finishes and functions and find the best solutions with innovative technology. Let modern light switches highlight the individual design of your living space.

---

### VDE Standard



01



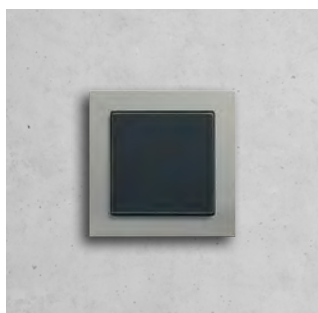
02



03



04



05



06



07



08



09



10



11



12

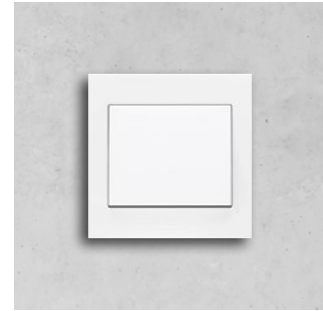
**British Standard**



13



14



15

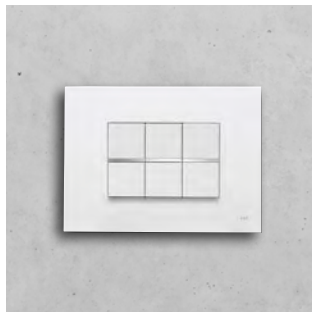


16

**IT standard**



17



18



19

01 carat®

02 Busch-dynasty®

03 pure stainless steel

04 solo®

05 Busch-axcent®,  
Busch-axcent® pur

06 future® linear

07 basic55®

08 Sky Niessen

09 Skymoon

10 Zenit

11 Impressivo

12 Swing®L

13 Millenium

14 Concept bs

15 Kalo

16 Uni-art

17 Mylos®

18 Zenit

19 Unno

**Additional information**

For design range availability on the local market contact your local sales team.

# Smarter for being worth the price

## Perfect electrical installation planning

Specify the scope of the planned electrical equipment with your architect and electrician in advance, before the construction of the house or during a renovation. The costs for an efficient installation depend on this.

# 4%

—  
Four percent of the building sum is used for conventional electrical equipment.

# 7%

—  
Your living area can be equipped with our ABB-free@home® Smart Home system already for approximately seven percent of the building sum.

# 10%

—  
From ten percent of the building sum, with the ABB i-bus® KNX system you already receive comfortable equipment with two functional areas.

Source: German initiative ELEKTRO+



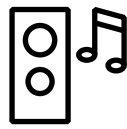
---

# Powerful brands for perfect networking

To make the life and networking in your Smart Home even more comfortable, the ABB smarter home solutions can interact with components of different manufacturers.



 **PHILIPS**



**SONOS**



**Miele**

---

## Smarter Home Developer Program

To enable customers to choose from an even greater variety of products in the future, ABB has created the “Smarter Home Developer Program” for developers. The program combines ABB’s core offering with solutions from external partners. This enables planners and electricians to equip smart residential buildings with a diverse range of components from different manufacturers and to operate them centrally using ABB products. ABB offers three different interfaces for networking: Application programming (API), the Connectivity Hub and the software platform mozaic.

- Easy and quick integration of your products and services with the ABB product- and service-portfolio
- Marketing visibility
- Access to households with integrated smart home solutions
- Possibilities to discuss joint offerings together with ABB
- Global reach using the smart home portfolio of the two brands Busch-Jaeger and ABB

[new.abb.com/buildings/developer-program](https://new.abb.com/buildings/developer-program)

**Additional information**

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB.





---

**Busch-Jaeger Elektro GmbH**

A member  
of the ABB Group  
Freisenbergstraße 2  
58513 Lüdenscheid  
Germany

[www.busch-jaeger.com](http://www.busch-jaeger.com)  
[info.bje@de.abb.com](mailto:info.bje@de.abb.com)

Central sales service:  
Phone +49 (0)2351 9561600  
Fax +49 (0)2351 9561700

