



# Building systems technology

KNX Visualisation options



- Control and monitoring of functions for the entire room
- Control of light, heating, blinds and scenes
- The integration of media technology and the internet is also possible
- Dashboard for controlling, monitoring and automation of building functions

---

## Centralised and comfortable operation

The new freedom

Modern home automation has never been as comfortable. With intuitive gestures, the way you operate your smartphone or tablet. This is how you control light, blinds, heating, music and much more with the utmost in comfort. Individual or in single scenes. Just as you please via expressive touch panels or via app of mobile devices. Both at home and while travelling. Discover the possibilities of limitless freedom.



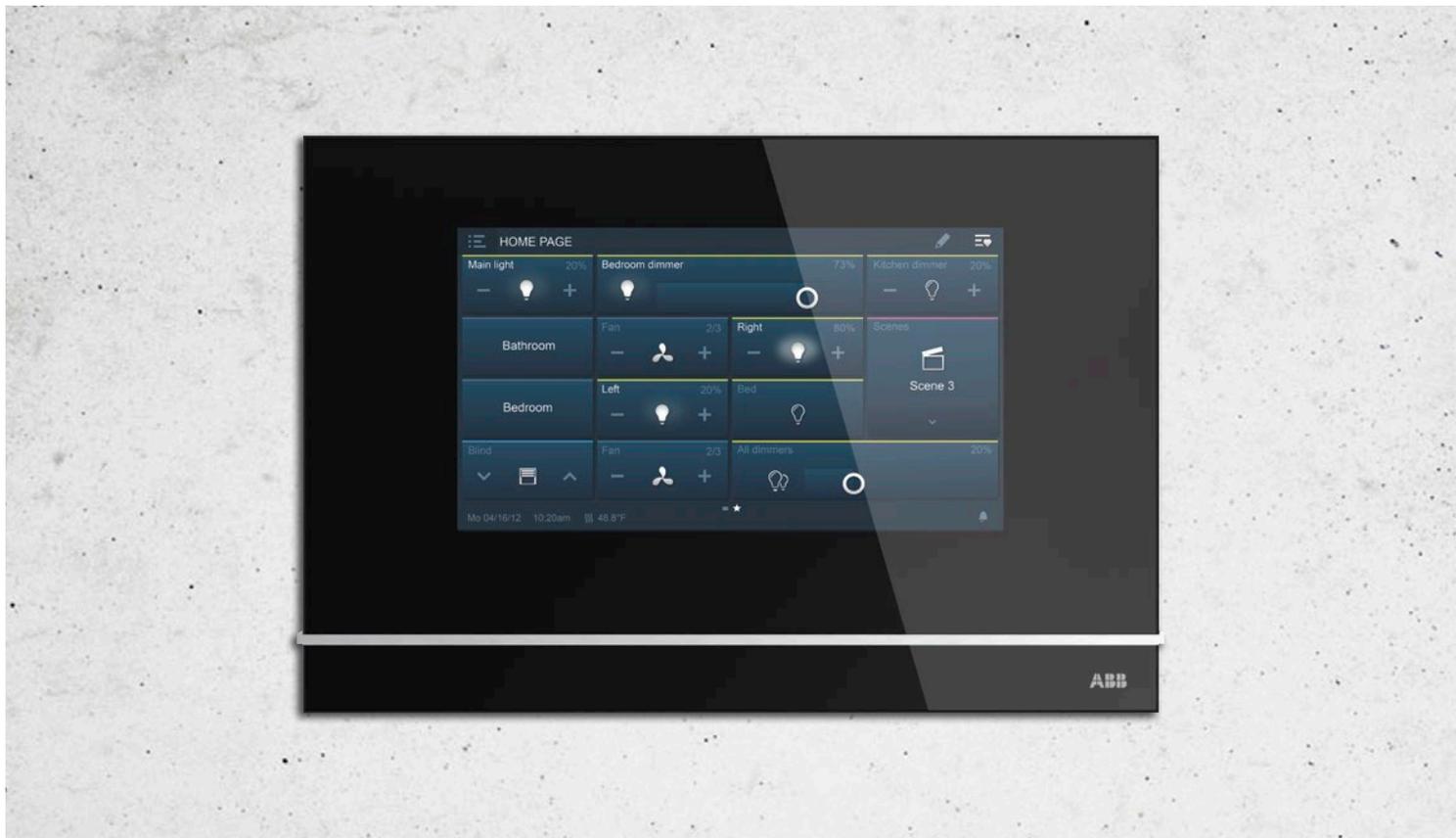


—  
01 Whether at home or at the office: Operating comfort via panel or app is limitless.

# Busch-SmartTouch®

## Your control panel for smart buildings

Intuitive and modern - the way building control should function. Ideally, the permanently installed panel is handled similar to a mobile terminal device. This means that the entire house, the apartment, the office or business premises can be controlled with a swiping gesture or the tip of the finger. For this reason ABB is extending its product range with the new Busch-SmartTouch® KNX. It is the successor of the successful SMARTtouch.



01



02

The Busch-SmartTouch® is ideally suited for new buildings and for objects being renovated. It is ideal for single residential units as well as for hotels or conference rooms in representative functional buildings.

### One device for two systems.

The home automation of the KNX system and the fully integrated functions of ABB-Welcome in the one device – that is the big advantage of the Busch-SmartTouch®. Aside from the direct KNX connection, the panel also has a direct two-wire connection for the ABB-Welcome. The door communication system, which has won several awards, impresses with its holistic concept for numerous areas of application and sets new standards both technically as well as creatively. Instead of requiring an additional indoor station for ABB-Welcome, now door calls can be simply accepted via the Busch-SmartTouch®. This opens totally new dimensions for home automation - with a high degree of comfort, safety and energy efficiency.

The colour display has a diagonal of 17.78 cm (7") in 16:9 format. The special feature of the Busch-SmartTouch®: It has a minimal mounting height only 13 mm. The panel is available in two colour versions – in genuine black or white glass. This allows it to be perfectly combined with the carat® and Busch-axcent® switch ranges. The bottom design bar made of brushed stainless steel lends the panel that visual refinement. In combination with the mounting frame the Busch-SmartTouch® can be mounted on the old ABB control panel box, normal flush-mounted boxes or also on the new ABB-Welcome table stand.

### Intuitive operation for greater comfort and convenience.

With its high-quality capacitive surface the Busch-SmartTouch® adapts itself to the mobile trend and is as easy to operate as a smartphone or tablet. The display, which is intuitively operated, can be used to switch and dim the lights in the entire building, as well as control the blinds and the heating.

The integrated room temperature controller cares for this. Also complete scenes can be created from all these functions. All of this makes the life of the user more pleasant, safer and it saves energy.

### Device features worth mentioning:

- Capacitive touch with the support swiping gestures
- Up to 30 pages with a maximum of 480 control elements
- 30 logic functions
- 80 fault and alarm messages which can be stored in a list and exported
- Up to 30 weekday timers with astro function which can be set by the user
- A favourite page with a maximum of 16 favourite control elements
- Indoor video station for door communication
- Presence simulation



—  
01 Busch-SmartTouch®,  
black

—  
02 Busch-SmartTouch®,  
white

—  
03 ABB-Welcome  
outdoor video station,  
1gang, stainless steel

# Busch-ControlTouch®

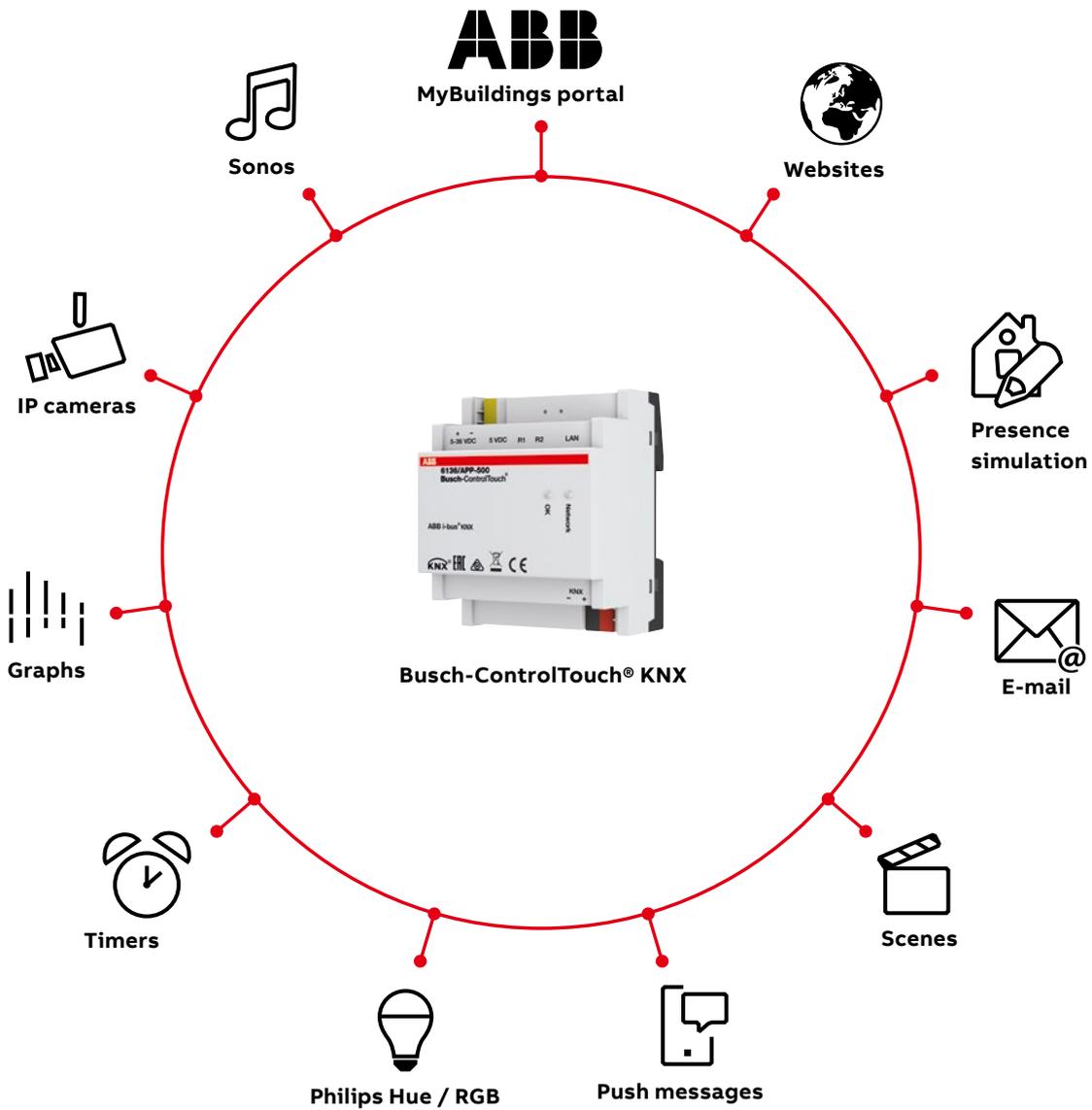
## Easy KNX remote control with mobile device

Smartphones, tablets and smartwatches or PCs turn into a practical remote control, thanks to the Busch-ControlTouch®. It connects the KNX installation with the IP network and controls all KNX functions in the building.

The applications for iOS and Android create intuitive operation the same as the PC application. The compact 4 MW DIN rail can be parameterized via the MyBuildings portal, thereby making it completely future-oriented for future system extensions and modifications. In addition: Many useful services (e.g. external access to the KNX system or a notification service) through connection to the MyBuildings portal Cloud are very easy to implement.

Whether in a single residential unit, in a large apartment block or at the workplace – the Busch-SmartTouch® intelligently controls the home automation. Either locally or while traveling. With the Busch-SmartTouch® you have complete access at all times.





**Device features worth mentioning:**

- External access the the KNX system
- Easy creation of individual scenes
- Integrated weekly timer (with astro function)
- Integrated logic editor
- Recording and display of diagrams
- Sonos and Philips Hue connection
- Connection of IP cameras with MJPEG protocol possible
- Integrated rights and user management
- Alarm messages via e-mail and/or push notification
- iOS widget for fast access from the mobile terminal device



---

# ABB RoomTouch®

## As individual as your home

The ABB RoomTouch® KNX display is a capacitive multi control element for intelligent controlling of rooms either in residential homes or commercial applications such as hotel rooms, offices and medical practices. With a super slim 11mm design, ABB RoomTouch® features a sleek metal frame and high-quality glass panel and is available in stylish black or white color finishes.

The user-friendly design with its easy and intuitive iconography reduces the complexity of the device and allow all daily routines in smart living – from lighting, blinds, scenes, time programs to room temperature, data from your weather station and audio – to be easily controlled by one device. All functions can easily be controlled by gently swiping up for instance to

open the blinds or swiping down to shut them. Personalized room scenes can be created, such as a movie setting, where the blinds are closing, and the lights dim down, by one simple touch on the panel. The panel can also be controlled by sliding through the menu or tapping to confirm an operation like switching on the lights.

For added energy savings, the device features a quick standby mode when the room turns dark and turns on automatically when it senses the presence of someone close by. It also offers a day and night mode to complement the lighting of the room.

Before installation users can decide if they want to install it landscape or portrait.





- Up to 30 control elements
- The full hand activates a pre-defined “coming in” scene or function
- Acoustic and haptic feedback
- Integrated proximity and brightness sensor
- Integrated room temperature controller
- Anti-glare mode for use in dark
- Integrated binary input
- Integrated external temperature sensor input
- Commissioning via ETS5 and DCA tool

The HD IPS touch display can be mounted in landscape format or portrait format for intelligent building control (alignment can be decided on-site)

# Smart KNX devices

## Limitless possibilities

# KNX



	<b>Busch-SmartTouch®</b>	<b>ABB RoomTouch®</b>
Article no.	6136/07-xx-500	RT/U30.0.1-825
KNX control elements	480	∞
Pages	30	30
Alarm messages	80	20
Notification via e-mail	x	x
Notification via push notification	x	x
Alarm control unit	x	x
LAN connection	x	x
Presence simulation	20 objects	x
Scenes	100	4
Logic functions	30	10
Internal RTC	1	1
RGB control element	✓	✓
Timers and schedulers	30 timers	10
ABB-Welcome	Direct 2-wire	x
Favourites page	✓	x
Operation via Smartphone	x	x
Operation via PC	x	x
Power supply	20 - 30 V DC	20 - 32 V DC (SELV)
Touch	Capacitive	Capacitive
Cover	Glass	Glass
Display size	7 inch	5 inch
Pixel	1024 x 600	720 x 1280



---

**Busch-ControlTouch®**

---

6136/APP-500

∞

∞

∞

✓

✓

X

✓

∞

∞

200 and scripts

X

✓

∞

X

X

✓

✓

5 - 36 V DC

-

-

-

-

---



---

**[new.abb.com/buildings](http://new.abb.com/buildings)**

**ABB Stotz-Kontakt GmbH**

Eppelheimer Straße 82  
69123 Heidelberg, Germany  
Phone +49 6221 701 607  
Fax +49 6221 701 724  
E-mail: [knx.marketing@de.abb.com](mailto:knx.marketing@de.abb.com)

**[www.abb.com/knx](http://www.abb.com/knx)**

**Busch-Jaeger Elektro GmbH**

Freisenbergstrasse 2  
58513 Lüdenscheid, Germany  
Phone +49 2351 956 1600  
Fax +49 2351 956 1700  
E-mail: [info.bje@de.abb.com](mailto:info.bje@de.abb.com)

**[busch-jaeger.com](http://busch-jaeger.com)**

