



KNX sensors ABB i-bus® KNX Intelligent Installation Systems

Power and productivity
for a better world™



Busch KNX sensors. Operation and display the direct way.

Networked structures work much more efficiently than individual systems. In residential buildings and on business premises, they reduce energy consumption and thus operating costs. At the same time, they provide added comfort and security. Busch-Jaeger KNX control elements form the interface between this state-of-the-art technology and the user. They control light, heating, fresh air supply and blinds. The integration of media technology and the internet is also possible. With Living Space®, Busch-Jaeger sets new standards: while powerful, intelligent technology with energy saving functions works reliably in the background, all that remains visible are clearly arranged control elements tailored to the individual requirements of the user.



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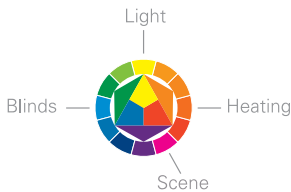




Busch-priOn®.

The central control unit.

Busch-priOn® allows you to control and monitor functions for the entire room. Light, scenes, timer, blind control unit, heating control unit – all functions are controlled simply and intuitively via a rotary dial, and freely programmable functions can be called up via the rocker switches. Busch-priOn® is a non-fixed, modular concept.



Colours that make life easier.

A consistent colour coding concept and durable LED technology make Busch-priOn® extremely easy to operate. The dial lights up in the colours of the coding system, thus providing feedback on the function currently selected. Yellow stands for lighting, blue for the blind control unit, magenta for light scenes and orange for the heating control unit. These colours are also found on the rocker switches of the control element panels.



Rotary control element

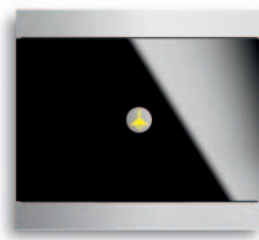
The rotary control element is equipped with a freely programmable button which can be pressed and turned. It can be used to switch and dim individual lamps, but also to switch on whole groups of lamps with one press of a button and vary their brightness continuously via the dial.

Function

Dimming | Blinds | Value | Light scenes | Logic functions | Time functions

Features

Illuminated dial | Colour coding concept | Removal protection | Day/night operation



1-fold control element

The single control element is equipped with a freely programmable „large“ operating button. It can be assigned to one topic and can carry out a maximum of two commands.

Function

Switching | Dimming | Blinds | Value | Buttons | Light scenes | Logic functions | Time functions

Features

Illuminated rocker switch | Colour coding concept | Freely programmable control button | Removal protection | Replaceable labelling symbol (Fig. shows Lighting labelling symbol)



3-fold control element

The triple control element is equipped with 3 freely programmable control buttons. Each can be assigned to one topic and can carry out a maximum of two commands.

Function

Switching | Dimming | Blinds | Value | Buttons | Light scenes | Logic functions | Time functions

Features

Illuminated rocker switches | Colour coding concept | Freely programmable control buttons | Removal protection | Replaceable labelling symbol (Fig. shows labelling symbols Lighting, Blinds and Scene)



glass black



studiowhite, glossy



stainless steel



glass white



reddot design award
best of the best 2008

Busch-priOn® received special commendment in the category „best of the best,“ winning the „red dot award: communication design 2008“ for its interface design.



Image archive: Busch-Jaeger

NEW



3-fold control element with single-line display

A new single-line display has been designed for the Busch-priOn® 3gang control element, technically reduced to the basics and optically elegant. It is particularly easy to read due to the monochromatic design for white on black information. The ambient temperature controller, information function (time and date), up to 17 freely programmable text displays, IR sensor, and proximity sensor have been integrated into the display. The design of the end strip is available in the colour and material "glass black."



2gang combination

The 8.9 cm (3.5") TFT display gives a clear overview of all information. Operation is simple intuitive, supported the colour coding concept. It is possible freely combine several Busch-priOn® elements with each other. display and a special allow simple and convenient control.



3gang combination

Busch-priOn® is a nonfixed, modular-design system. The rocker switches of the triple control element allow you to call up freely programmable functions such as light scenes, blind functions or specific lamps.



Busch-priOn® is ideal in combination with the carat® switch series, which has surfaces in the same design.

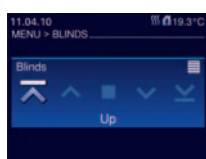
NEW



Flush-mounted movement sensor

The Busch-priOn® flush-mounted movement sensor can be used individually or with other Busch-priOn® modules. Practical because users thus do not have to look for the light switch and are greeted with light when first entering a dark room.

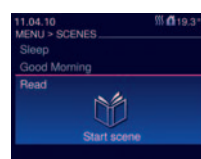
The 8.9 cm (3.5") TFT display gives a clear overview of all information. The user can choose from 3 surface designs: black, blue and silver.



Blinds



Heating



Scene

Note: We can only give you a rough idea here of the wide range of combinations offered by this modular concept. For more detailed information, see our separate product brochure / planning aid or the catalogue.

Busch-triton®. Elegant ergonomics.

The KNX sensor Busch-triton® is probably the most innovative control element for building system technology in residential buildings and representative areas, e.g. in hotels. It has freely programmable switches, is multi-functional and is flexibly adjustable to the habits of the users.



1-fold control element with rear-illuminated labelling area

The 1-fold control element is equipped with a freely programmable, "large" switch. It can be assigned to one subject and carry out a maximum of two commands.

Function

Switching | Dimming | Blinds | Value | Button

Features

Labellable switch rockers | Rear-illuminated labelling field | Anti-theft protection | Freely programmable switch | Combinable with flush-mounted actuators



3-fold control element with rear-illuminated labelling area and IR reception

By means of the additional key, it is possible to store light scenes, deactivate the switching error protection and activate the labelling area rear illumination.

Function

Switching | Dimming | Blinds | Light scenes | Switching error protection | 3 IR channels connected directly to the rockers

Features

Labellable switch rockers | Rear-illuminated labelling field | Anti-theft protection | Freely programmable switches | IR remote-controllable



3-fold control element with rear-illuminated labelling field, LCD display and IR reception*

By means of the additional key, it is possible to store light scenes, activate the labelling field rear illumination and scroll the display texts.

Function

Independent LCD display for 5 text/value messages | Alarm messages | Switching | Dimming | Blinds | Light scenes | 3 IR channels connected directly to the rockers

Features

Labellable switch rockers | Rear-illuminated labelling field | Anti-theft protection | Freely programmable switches | IR remote-controllable



3-fold control element with rear-illuminated labelling field, integrated room thermostat without IR reception

The control element has two operating levels. In the first level, the local operations are triggered, the additional key is used to access the second operating level with which the heating control can be operated.

Function

LCD display for room thermostat functions | Comfort | Stand-by | Night operation | Frost protection | Heating | Cooling | Fan control | Switching | Dimming | Blinds | Value

Features

Labellable switch rockers | Rear-illuminated labelling field | Anti-theft protection | Freely programmable switches



brilliant black



obsidian



aluminium silver



platinum



bronze



5-fold control element with rear-illuminated labelling area and IR reception



5-fold control element with rear-illuminated labelling field, LCD display and IR reception*



5-fold control element with rear-illuminated labelling field, integrated room thermostat incl. IR reception.

By means of the additional key, it is possible to store light scenes or to activate the labelling field rear illumination.

Function

Switching | Dimming | Blinds | Light scenes | 5 IR channels connected directly to rockers

Features

Labellable switch rockers | Rear-illuminated labelling field | Anti-theft protection | Freely programmable switches | IR remote-controllable

By means of the additional key, it is possible to store light scenes, activate the labelling field rear illumination and scroll the display texts.

Function

In addition to the functions of the 5fold control element:
Independent display for 5 text / value messages | Displays and alarm messages

Features

(additional) LCD display | Alarm messages

The control element has two operating levels. In the first level, the local operations are triggered, the additional key is used to access the second operating level with which the heating control can be operated.

Function

LCD display for room thermostat functions | Comfort | Stand-by | Night operation | Frost protection | Heating | Cooling | Fan control | Switching | Dimming | Blinds | Value | Light scenes

Features

Labellable switch rockers | Rear-illuminated labelling field | Anti-theft protection | Freely programmable switches



palladium



champagne metallic



ivory white



studio white, matt



studio white, high gloss

carat®.

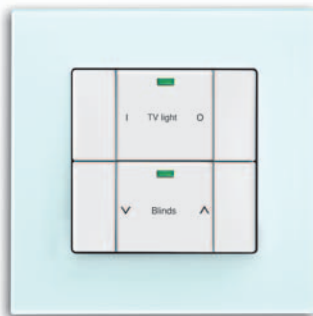
High-quality design. Genuine materials.

Its straight, elegant design, combined with fine natural materials, make carat® into a highly visible eye-catcher. On account of its various materials and possible colour variations, the range is appropriate both for sober, design-oriented environments and in timelessly modern, classically stylistic ambiances.



1-fold control element

The 1-fold, 2-fold and 4-fold control elements with labelling area forms the basic sensor system of the KNX carat® range.



2-fold control element

Function
Switching | Dimming | Blinds | Buttons

Features
Labellable switch rockers | Anti-theft protection | Freely programmable switches



WaveLINE LED display, socket outlet with integrated protection against accidental contact

Function
Switching | Dimming | Blinds

Features
In combination with the WaveLine window sensor, the LED display shows the status of the windows (open/tilted/closed)



4-fold control element, multi-function with labelling area

This multifunction sensor is freely programmable and, in contrast to the basic sensors, has additional separate light scenes and valuable objects.

Function
Light scenes | Value | Switching | Dimming | Blinds | Buttons

Features
Labellable switch rockers | Anti-theft protection | Freely programmable buttons

carat® colour harmony

Only high-quality, genuine materials are used for the frame. The series is combinable with the colour variety of solo® and future® linear (supplemented by anthracite).





Room thermostat with 2-fold sensor

The room thermostat has an LCD display that indicates the current temperature and the respective operating mode.

Function

Comfor | Stand-by | Night mode | Frost protection | Specified temperature | Time | Date | Heating | Cooling | Light scenes | Value | Fan control | 8 Individual Text Modules | Fan Coil Control | Logic

Features

Labellable switch rockers | Anti-theft protection | Illuminated display



Weekly timer with 2-fold sensor.

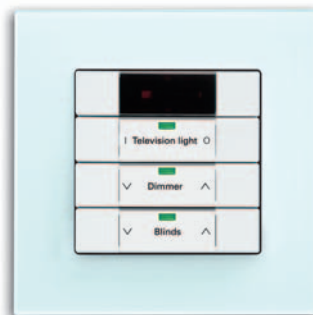
The 2-channel weekly timer has an LCD display on which the time and the statuses of the 2 switch hands are displayed via graphics.

Function

4 switch blocks per channel | Astro function | Random function | Switching | Dimming | Blinds | Push switch | Light scenes | Value | Air control

Features

Labellable switch rockers | Anti-theft protection | Illuminable display | Manual time setting via local operation



IR sensor with 3-fold control element

The sensor has 5 IR channels of which Channels 1-3 are directly linked to the rocker functions and Channels 4 and 5 can be assigned freely.

Function

5 IR channels | 3 IR channels directly connected to the rockers | 2 IR channels, freely assignable | Switching | Dimming | Blinds | Button | Light scenes | Value

Features

Labellable switch rockers | Anti-theft protection | Freely programmable control switches



USB-interface

The interfaces allow access to the ABB i-bus® KNX.



Flush-mounted movement detector

The movement detector is equipped with a comfort lens, which allows not only horizontal detection, but also at an angle of 7° downwards.

pure stainless steel. Unmistakable aesthetics.

Not only for individual private areas, but also in modern industrial and public architecture, everywhere sophisticated forms are preferred, the *KNX pure stainless steel* is used. The complete range from the *pure stainless steel* switch programme is available, so there are no limits to the possible combinations.



1-fold control element



2-fold control element

The 1-fold, 2-fold and 4-fold control elements with labelling area forms the basic sensor system of the *KNX pure stainless steel* range.

Function

Switching | Dimming | Blinds | Buttons

Features

Labellable switch rockers | Anti-theft protection | Freely programmable switches



WaveLINE LED display, socket outlet with integrated protection against accidental contact

Function

Switching | Dimming | Blinds

Features

In combination with the WaveLine window sensor, the LED display shows the status of the windows (open/tilted/closed)



4-fold control element, multi-function with labelling area

This multifunction sensor is freely programmable and, in contrast to the basic sensors, has additional separate light scenes and valuable objects.

Function

Light scenes | Value | Switching | Dimming | Blinds | Buttons

Features

Labellable switch rockers | Anti-theft protection | Freely programmable buttons

pure stainless steel

The design of *pure stainless steel* shows a clear, reduced form for perfect architecture. This switch is made of the material of the future. A stainless steel surface, on which fingers cannot leave any prints. It thus remains constant and beautiful. Just like on the first day.





Room thermostat with 2-fold sensor

The room thermostat has an LCD display that indicates the current temperature and the respective operating mode.

Function

Comfor | Stand-by | Night mode | Frost protection | Specified temperature | Time | Date | Heating | Cooling | Light scenes | Value | Fan control | 8 Individual Text Modules | Fan Coil Control | Logic

Features

Labellable switch rockers | Anti-theft protection | Illuminated display



Weekly timer with 2-fold sensor.

The 2-channel weekly timer has an LCD display on which the time and the statuses of the 2 switch hands are displayed via graphics.

Function

4 switch blocks per channel | Astro function | Random function | Switching | Dimming | Blinds | Push switch | Light scenes | Value | Air control

Features

Labellable switch rockers | Anti-theft protection | Illuminable display | Manual time setting via local operation



IR sensor with 3-fold control element

The sensor has 5 IR channels, of which channels 1-3 are directly connected to the rockers, and channels 4 and 5 are freely assignable.

Function

5 IR channels | 3 IR channels directly connected to the rockers | 2 IR channels, freely assignable | Switching | Dimming | Blinds | Button | Light scenes | Value

Features

Labellable switch rockers | Anti-theft protection | Freely programmable control switches



USB interface

The interfaces allow access to the ABB i-bus® KNX.



Flush-mounted movement sensor

The movement detector is equipped with a comfort lens, which allows not only horizontal detection, but also at an angle of 7° downwards.

solo®.

Unmistakable aesthetics.

Not only for individual private areas, but also in modern industrial and public architecture, everywhere sophisticated forms are preferred, the KNX solo® is used. The complete range from the solo® switch programme is available, so there are no limits to the possible combinations.



1-fold control element



2-fold control element

The 1-fold, 2-fold and 4-fold control elements with labelling area forms the basic sensor system of the KNX solo® range.

Function

Switching | Dimming | Blinds | Buttons

Features

Labellable switch rockers | Anti-theft protection | Freely programmable switches



WaveLINE LED display, socket outlet with integrated protection against accidental contact

Function

Switching | Dimming | Blinds

Features

In combination with the WaveLine window sensor, the LED display shows the status of the windows (open/tilted/closed)



4-fold control element, multi-function with labelling area

This multifunction sensor is freely programmable and, in contrast to the basic sensors, has additional separate light scenes and valuable objects.

Function

Light scenes | Value | Switching | Dimming | Blinds | Buttons

Features

Labellable switch rockers | Anti-theft protection | Freely programmable buttons

solo® colour harmony

In the solo® colour concept, every shade is defined as an optical unit. The shades of colour, designated as mixed shades or so-called noncolours, purposely seek no direct relation to the furnishings and fittings. For all uniformity is boring.



toscana



savanne



sahara



davos



husky



meteor



Room thermostat with 2-fold sensor

The room thermostat has an LCD display that indicates the current temperature and the respective operating mode.

Function

Comfort | Stand-by | Night mode | Frost protection | Specified temperature | Time | Date | Heating | Cooling | Light scenes | Value | Fan control | 8 Individual Text Modules | Fan Coil Control | Logic

Features

Labellable switch rockers | Anti-theft protection | Illuminated display



Weekly timer with 2-fold sensor.

The 2-channel weekly timer has an LCD display on which the time and the statuses of the 2 switch hands are displayed via graphics.

Function

4 switch blocks per channel | Astro function | Random function | Switching | Dimming | Blinds | Push switch | Light scenes | Value | Air control

Features

Labellable switch rockers | Anti-theft protection | Illuminable display | Manual time setting via local operation



IR sensor with 3-fold control element

The sensor has 5 IR channels, of which channels 1-3 are directly connected to the rockers, and channels 4 and 5 are freely assignable.

Function

5 IR channels | 3 IR channels directly connected to the rockers | 2 IR channels, freely assignable | Switching | Dimming | Blinds | Button | Light scenes | Value

Features

Labellable switch rockers | Anti-theft protection | Freely programmable control switches



USB interface

The interfaces allow access to the ABB i-bus® KNX.



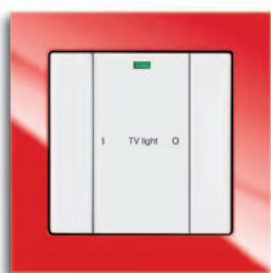
Flush-mounted movement sensor

The movement detector is equipped with a comfort lens, which allows not only horizontal detection, but also at an angle of 7° downwards.

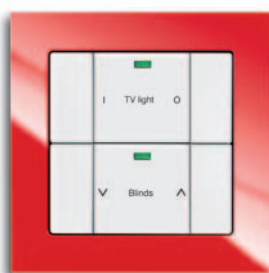
Busch-*axcent*®.

Colour complements function.

The Busch-*axcent*® switch series from Busch is the perfect choice for flawless accent colours. Our range of fresh colours can be matched with selected furniture or with a work of art in the room. Thanks to the dummy joint and white supporting element, the switch almost appears to float in front of the wall.



1-fold control element



2-fold control element

The 1-fold, 2-fold and 4-fold control elements with labelling area forms the basic sensor system of the KNX Busch-*axcent*® range.

Function

Switching | Dimming | Blinds | Buttons

Features

Labellable switch rockers | Anti-theft protection | Freely programmable switches



WaveLINE LED display, socket outlet with integrated protection against accidental contact

Function

Switching | Dimming | Blinds

Features

In combination with the WaveLine window sensor, the LED display shows the status of the windows (open/tilted/closed)



4-fold control element, multi-function with labelling area

This multifunction sensor is freely programmable and, in contrast to the basic sensors, has additional separate light scenes and valuable objects.

Function

Light scenes | Value | Switching | Dimming | Blinds | Buttons

Features

Labellable switch rockers | Anti-theft protection | Freely programmable buttons

Busch-*axcent*® colour harmony

Busch-*axcent*® offers you fresh, modern colours and a contemporary design. Busch-*axcent*® offers you creativity. Brighten your home with individual functions and solutions. Highlight the functions that are important to you with a particularly distinctive colour.





Room thermostat with 2-fold sensor

The room thermostat has an LCD display that indicates the current temperature and the respective operating mode.

Function

Comfor | Stand-by | Night mode | Frost protection | Specified temperature | Time | Date | Heating | Cooling | Light scenes | Value | Fan control | 8 Individual Text Modules | Fan Coil Control | Logic

Features

Labellable switch rockers | Anti-theft protection | Illuminated display



Weekly timer with 2-fold sensor.

The 2-channel weekly timer has an LCD display on which the time and the statuses of the 2 switch hands are displayed via graphics.

Function

4 switch blocks per channel | Astro function | Random function | Switching | Dimming | Blinds | Push switch | Light scenes | Value | Air control

Features

Labellable switch rockers | Anti-theft protection | Illuminable display | Manual time setting via local operation



IR sensor with 3-fold control element

The sensor has 5 IR channels, of which channels 1-3 are directly connected to the rockers, and channels 4 and 5 are freely assignable.

Function

5 IR channels | 3 IR channels directly connected to the rockers | 2 IR channels, freely assignable | Switching | Dimming | Blinds | Button | Light scenes | Value

Features

Labellable switch rockers | Anti-theft protection | Freely programmable control switches



USB interface

The interfaces allow access to the ABB i-bus® KNX.



Flush-mounted movement sensor

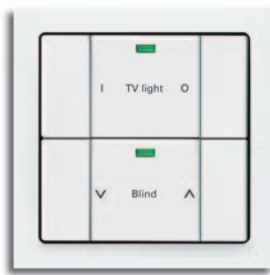
The movement detector is equipped with a comfort lens, which allows not only horizontal detection, but also at an angle of 7° downwards.

future® linear. Timeless design.

The KNX sensor future® linear is used in particular in functional buildings. Timeless design is combined with the elementary advantage of excellent practical value. In office buildings such as banks and in the public sector, the formal reduction in their uncompromising clarity forms an attractive oneness with the stylistic purism of modern architecture.



1-fold control element



2-fold control element



WaveLINE LED display, socket outlet with integrated protection against accidental contact

Function
Switching | Dimming | Blinds

Features
In combination with the WaveLine window sensor, the LED display shows the status of the windows (open/tilted/closed)



4-fold control element, multi-function with labelling area

The 1-fold, 2-fold and 4-fold control elements with labelling area forms the basic sensor system of the KNX future® linear range.

Function
Switching | Dimming | Blinds | Buttons

Features
Labellable switch rockers | Anti-theft protection | Freely programmable switches

This multifunction sensor is freely programmable and, in contrast to the basic sensors, has additional separate light scenes and valuable objects.

Function
Light scenes | Value | Switching | Dimming | Blinds | Buttons

Features
Labellable switch rockers | Anti-theft protection | Freely programmable buttons

future® linear colour harmony

The future® linear colour concept, with its reduction to the essence, enhances a calm architectural environment, independent of time and trends. Individuality and style as shown by the architecture.

future® linear





Room thermostat with 2-fold sensor

The room thermostat has an LCD display that indicates the current temperature and the respective operating mode.

Function

Comfor | Stand-by | Night mode | Frost protection | Specified temperature | Time | Date | Heating | Cooling | Light scenes | Value | Fan control | 8 Individual Text Modules | Fan Coil Control | Logic

Features

Labellable switch rockers | Anti-theft protection | Illuminated display



Weekly timer with 2-fold sensor.

The 2-channel weekly timer has an LCD display on which the time and the statuses of the 2 switch hands are displayed via graphics.

Function

4 switch blocks per channel | Astro function | Random function | Switching | Dimming | Blinds | Push switch | Light scenes | Value | Air control

Features

Labellable switch rockers | Anti-theft protection | Illuminable display | Manual time setting via local operation



IR sensor with 3-fold control element

The sensor has 5 IR channels, of which channels 1-3 are directly connected to the rockers, and channels 4 and 5 are freely assignable.

Function

5 IR channels | 3 IR channels directly connected to the rockers | 2 IR channels, freely assignable | Switching | Dimming | Blinds | Button | Light scenes | Value

Features

Labellable switch rockers | Anti-theft protection | Freely programmable control switches



USB interface

The interfaces allow access to the ABB i-bus® KNX.



Flush-mounted movement sensor

The movement detector is equipped with a comfort lens, which allows not only horizontal detection, but also at an angle of 7° downwards.

alpha with “nea” frame. Harmonic proportions.

This series of switches for residential and functional buildings combines comfort and atmosphere in equal proportion. Thanks to the significantly reduced form and expressive details, such as the gently rounded edges, the *alpha* can be integrated in nearly every furnishing concept.



1-fold control element



2-fold control element

The 1-fold, 2-fold and 4-fold control elements form, as standard control elements, the basis of the *alpha* range.

Function

Switching | Dimming | Blinds | Button | Value

Features

Vertical operating toggle switches



WaveLINE LED display, socket outlet with integrated protection against accidental contact

Function

Switching | Dimming | Blinds

Features

In combination with the WaveLine window sensor, the LED display shows the status of the windows (open/tilted/closed)



Room thermostat

The room thermostat has LEDs which display the individual operating modes. The specified temperature is set by means of the dial on the front of the unit.

Function

Comfort | Stand-by | Night operation | Frost protection | Dew point object | Heating | Cooling

Features

Specified temperature adjusted by dial | Anti-theft protection | Operating modes shown by status LEDs

alpha with „nea“ frame – pure aesthetics

The colour concept underlines the harmony of any architectural environment. Colours for people whose love of detail is evident in the environment of a comfortable atmosphere.





Flush-mounted IR interface

IR sensor with 1-fold control element.

Function

IR channels can be parametered | Switching | Dimming | Blinds

Features

Remote-controllable | 5 IR channels | Local operation



Flush-mounted movement detector

The movement detector is equipped with a comfort or multiple lens. The comfort lens has a horizontal surveillance zone. The multiple lens provides, in addition to the horizontal surveillance zone, surveillance at an angle of 7° downwards.

Function

Continuous light | Adjustable sensitivity | Adjustable switch-off delay

Features

Potentiometer | Sliding ON/OFF switch



USB-interface

The interfaces allow access to the ABB i-bus® KNX.

The assortment has been expanded by a flush-mounted USB interface. This flush-mounted interface permits the programming and commissioning of a KNX system via a PC or laptop. Commissioning takes place only from ETS Version 3.0.



Flush-mounted LCD display

The LCD display serves to display texts, values and operating statuses. By means of the keys, functions can be activated directly and scrolling between the individual displays of the 8-line display is possible.

Function

2 x 4 line display of 16 characters | Switch objects | Value | Alarm messages | Sensor function

Features

Display rear illumination | Switch functions | Rear-illuminated display

alpha with “exclusive” frame. Individual accents.

Sets the tone for an individual style in residential and functional buildings. The *alpha* is superior and unconventional in shape. It can adapt to the style of its environment and still prove its individuality. In its shape it combines elegance and extravagance, and sets the tone in an exclusive environment.



1-fold control element



2-fold control element



WaveLINE LED display, socket outlet with integrated protection against accidental contact



Room thermostat

The 1-fold, 2-fold and 4-fold control elements form, as standard control elements, the basis of the *alpha* range.

Function

Switching | Dimming | Blinds | Button | Value

Features

Vertical operating toggle switches

Function

Switching | Dimming | Blinds

Features

In combination with the WaveLine window sensor, the LED display shows the status of the windows (open/tilted/closed)

The room thermostat has LEDs which display the individual operating modes. The specified temperature is set by means of the dial on the front of the unit.

Function

Comfort | Stand-by | Night operation | Frost protection | Dew point object | Heating | Cooling

Features

Specified temperature adjusted by dial | Anti-theft protection | Operating modes shown by status LEDs

alpha with „exclusive“ frame colour harmony

The colours of this series of switches rely on individuality in detail. They stand for materials with everlasting charm – from prehistoric rock to high-grade metal. Its clarity and power of expression are as unique as nature itself.





Flush-mounted IR interface

IR sensor with 1-fold control element.

Function

IR channels can be parametered | Switching | Dimming | Blinds

Features

Remote-controllable | 5 IR channels | Local operation



Flush-mounted movement detector

The movement detector is equipped with a comfort or multiple lens. The comfort lens has a horizontal surveillance zone. The multiple lens provides, in addition to the horizontal surveillance zone, surveillance at an angle of 7° downwards.

Function

Continuous light | Adjustable sensitivity | Adjustable switch-off delay

Features

Potentiometer | Sliding ON/OFF switch



USB-interface

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Flush-mounted LCD display

The LCD display serves to display texts, values and operating statuses. By means of the keys, functions can be activated directly and scrolling between the individual displays of the 8-line display is possible.

Function

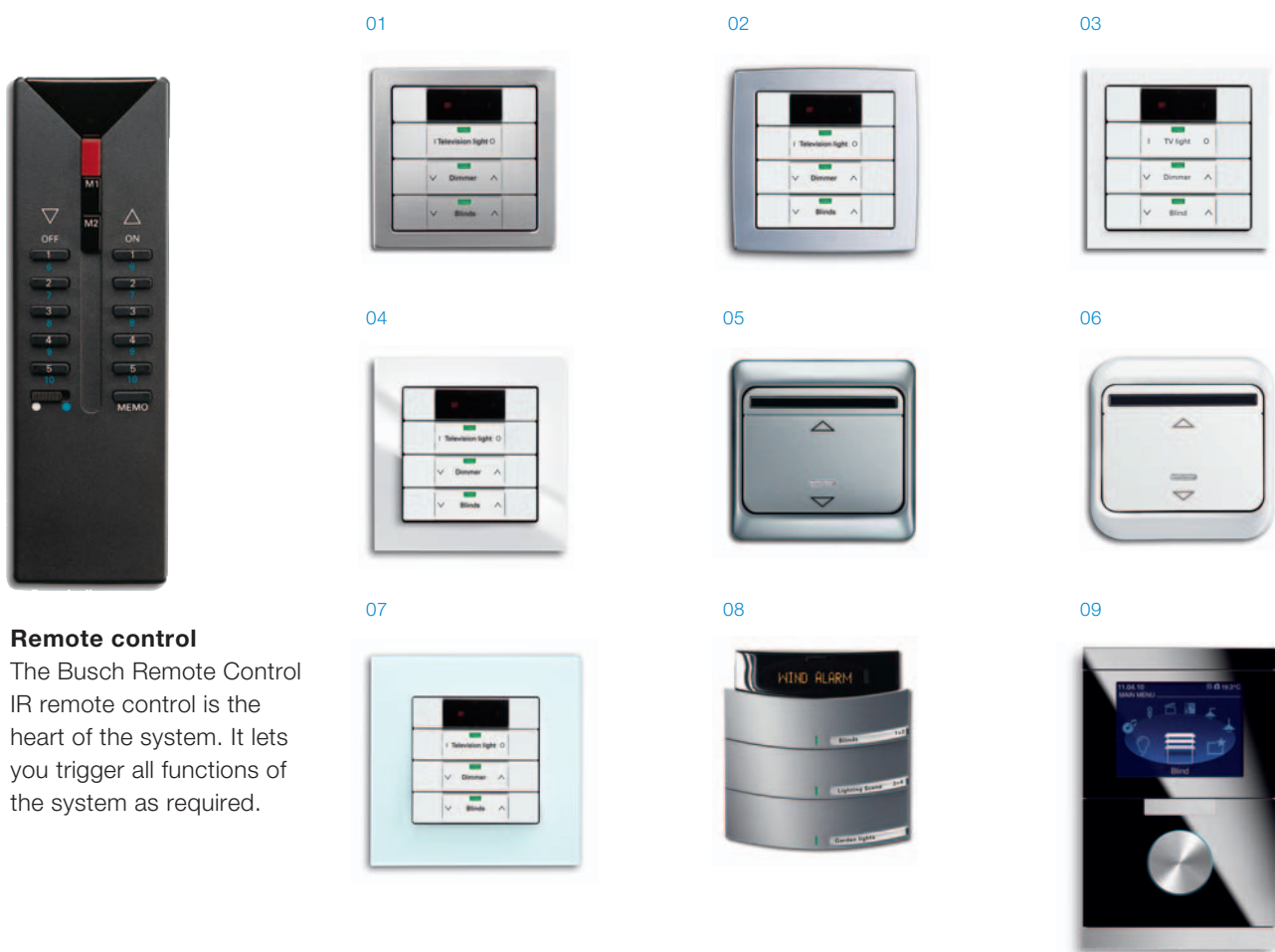
2 x 4 line display of 16 characters | Switch objects | Value | Alarm messages | Sensor function

Features

Display rear illumination | Switch functions | Rear-illuminated display

Busch Remote Control IR. Flexible comfort.

Integration into the Busch Remote Control IR system offers the additional flexibility and increased comfort of modern infrared technology. Both lighting and all other consumers operated via ABB i-bus® KNX, such as venetian blinds, can be remote-controlled using this system. In the process, all operating alternatives are available so that it is possible to switch on the lighting and close the venetian blinds at the same time.



Remote control

The Busch Remote Control IR remote control is the heart of the system. It lets you trigger all functions of the system as required.

01 **pure** stainless steel IR sensor with 3-fold control element

02 **solo**® IR sensor with 3-fold control element

03 **future**® linear IR sensor with 3-fold control element

04 **Busch-axcent**® IR sensor with 3-fold control element

05 **alpha** with "exclusive" frame IR sensor

06 **alpha** with "nea" frame IR sensor

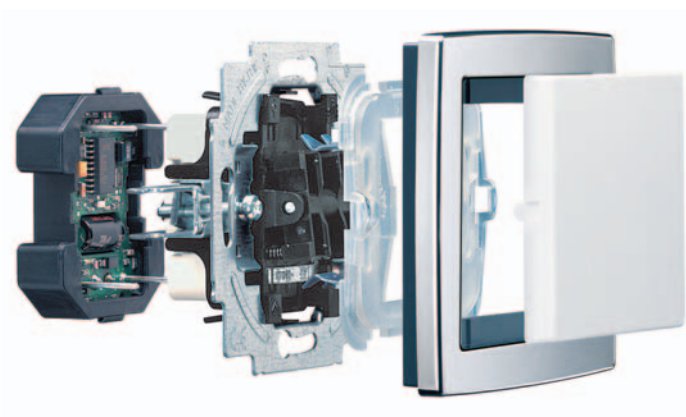
07 **carat**® IR sensor with 3-fold control element

08 **Busch-triton**® e.g. 3-fold control element, incl. IR reception

09 **Busch-priOn**® 2gang combination, glass black

Switch Connection Unit KNX. Ideal for building objects.

With this flush-mounted KNX Switch Connection Unit, economic solutions can be realized in the case of electrical installations systems in commercial buildings. The button coupling is fully compatible with all ABB/Busch-Jaeger switch assortments with the exception of the *impuls* assortment.



With the flush-mounted KNX Switch Connection Unit, conventional button/switch inserts can be contacted without a problem using ABB i-bus® KNX (with the exception of the *impuls* switch programme). The coupling is an affordable solution for renovations and functional buildings.

Features

- Easy mounting and uncomplicated commissioning
- Any flush-mounted switch assortment (except for the *impuls* and surface-mounted programmes) can be used for the ABB i-bus® KNX.
- Affordable solutions for renovations
- Lighting According to ArbStättV (German Regulations on Workplaces) (only in the case of the 1gang button/switch)

Examples of functional options

1-fold Switch	2-fold Switch	1-fold Push Switch	2-fold Push Switch
1 Switch	2 Switch	1 Switch	2 Switch
		1 Dimmer	2 Dimmer
			1 Shutter

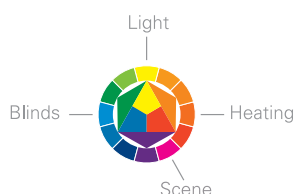


Busch-ComfortTouch®. Every day an individual experience.

Busch-ComfortTouch® offers not only an extremely versatile range of switching and control functions for KNX systems, but also satisfies the highest design requirements. Its unique colour coding concept makes for particularly easy operation.

Busch-ComfortTouch® unites the functions of a home control system, an information and entertainment centre with the highest design requirements. You can use Busch-ComfortTouch® to switch lamps on and off, dim them, control blinds, room temperature or select scenes comprising a combination of the above-named functions – even via remote control. There is also an integrated audio and video player. These functions are not only of interest for private households – the system is often used in doctor's surgeries, offices, restaurants or stores to provide

attractive lighting, soft background music or comfortable room climates. A presence simulation function and alarm message display provide added security. It is also possible to display images from surveillance cameras. The system can be connected to the Internet, enabling you to call up e-mails, the latest stock market news, the weather forecast or traffic information. Operation is simple and easy via touch screen. A menu created individually for the user with clearly assigned buttons and a unique colour coding concept allow simple and intuitive operation.



Simplicity and user-friendliness are always the top priorities for operation. Busch-Jaeger has developed a new and unique colour coding concept for the user interface of its intelligent home control system. Each comfort area is assigned a specific colour. Yellow stands for lighting, blue for the blind control unit, magenta for light scenes and orange for the heating control unit. These colours are also used in the menus on the display.



Busch-ComfortTouch® glass black, aluminium design cover, video supervision



Glass white, design cover aluminium



Glass white, design cover chrome



Black glass, design cover aluminium



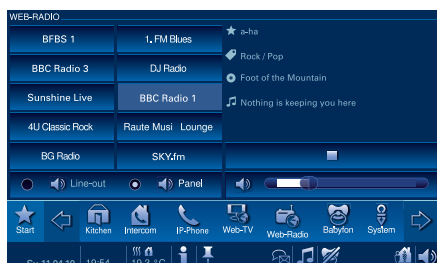
Black glass, design cover chrome



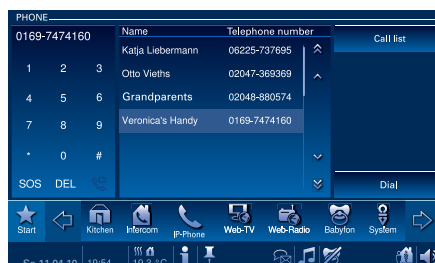
Image archive: Busch-Jaeger

The system is controlled via the Busch-ComfortTouch® – it couldn't be easier. Buttons with text and symbols allow intuitive operation. Just a touch of the finger, and you can call up the MP3-player and play individual titles or playlists. And the volume is regulated via the panel, too. The ideal solution, not only for homes – the system is, for example, popular in restaurants. No more CDs lying around, no more finding space for a conventional hifi centre. The system can also be used to call up light scenes for various situations, from a cosy dinner at home to night-time lighting for

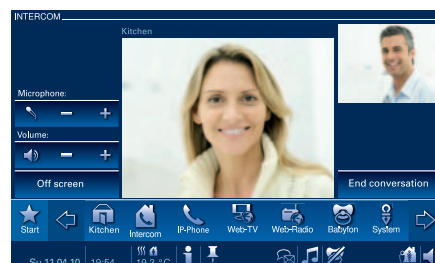
store windows, at the press of a button or via a time-controlled function. Another useful feature is the handy memo field allowing you to write text by hand - use it, for example to write a shopping list or for leaving messages for others. Colour pictures from surveillance cameras on stairways or outside the building can be called up on the display, offering added security. This allows you to keep an eye on the building at all times – handy, for example, for checking the surrounding area before opening the door for customers in the morning or when the doorbell rings.



Web radio



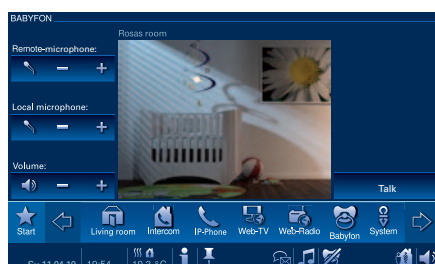
IP telephony



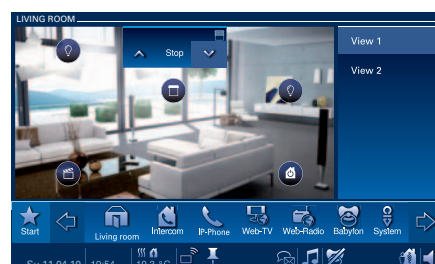
Intercom



Control of household appliance



Baby phone



Remote control by mobile telephone



reddot design award
best of the best 2008

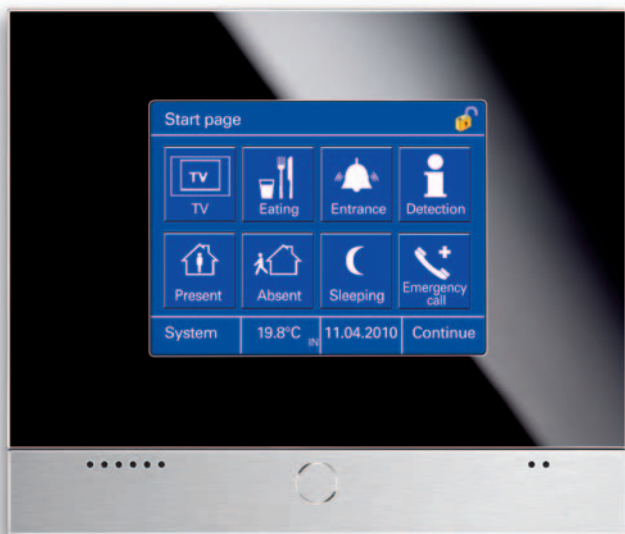
Busch-ComfortTouch® received special commendation in the category "best of the best," winning the "red dot award: communication design 2008" for its interface design

SMARTtouch. Harmony of function and design.

The Busch-Jaeger SMARTtouch does not just look good, it also offers numerous functions for switching and controlling an KNX system. This versatile display and operating unit can be used simply and with intuition.

The SMARTtouch offers a number of functions, e.g. switching, dimming, blind control, measurement value display, switch time control, light scene control or display and storage of alarm and disturbance signals. In addition, the panel can be used as a room thermostat or timer/alarm clock, and has an additional information function with which information can be recorded. Operation is simple and intuitive. By means of the PDA pen, the functions are carried out by means of the

touchscreen buttons labelled in clear text. Control of the functions is facilitated by a clear menu structure. The SMARTtouch can be operated conveniently by means of an infrared hand-held transmitter, which allows the equipment or functions to be controlled from a distance. The panel is available with color display for more than 210 KNX standard functions. One version is equipped with an additional BANG & OLUFSEN infrared interface.



Black glass with chrome flap

The chromium-plated flap automatically opens downwards when slight pressure is applied.



Black glass with chrome flap

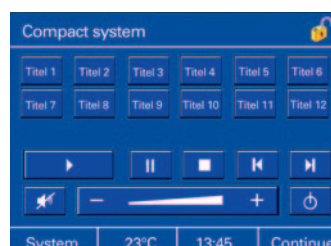
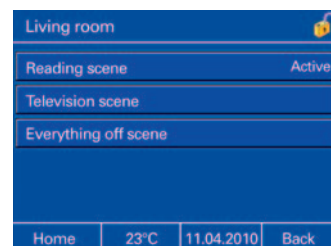
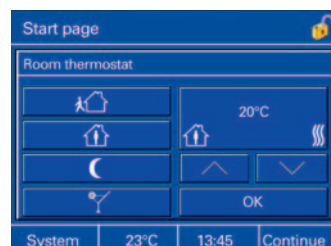


White glass with aluminium flap



On the Start page of the SMARTtouch, there are up to 10 touch-areas, which, for example, reflect the room layout of a house. With the buttons of the footer, the room temperature and time can be read off at any time, and also direct access to the integrated individual room thermostat and time programs is possible. If a touch button on the start page is touched with the PDA pen, you go directly to the overview of the individual functions of the room (e.g. of the living room) or function group. On the display, the current statuses, e.g. the switch functions or measurement values, are dis-

played in clear text. With another touch on the respective individual function, an operation window opens, by means of which, for example, the brightness of the ceiling light can be altered. By means of the "Home" button in the footer, you can return from the operation page back to the start page. In addition, the SMARTtouch has a "child-proofing function", with which the entire operation can be blocked. The respective locking symbol is displayed in the header.



Audio and video devices can be controlled by the SMARTtouch and integrated into scenes. In the process, it does not matter whether the integration takes place using the ABB i-bus® KNX which uses the existing power line to transfer the data. To connect the system to a media control unit, an additional device such as the media box* is required.

*The media box can be ordered from the following address:
Detlef Coldewey GmbH, Burgstraße 6, 26655 Westerstede.

Contact us

A member
of the ABB Group

Busch-Jaeger Elektro GmbH
P.O.Box
58505 Lüdenscheid

Freisenbergstraße 2
58513 Lüdenscheid
Germany

www.BUSCH-JAEGER.com
info.bje@de.abb.com

Central sales service

Phone: +49 180 5 669900

Fax: +49 180 5 669909

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different costs from abroad, please check it locally)

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