



KNX Sensor Brochure

ABB i-bus[®] KNX Building System Technology. Centralised, convenient operation and display.

KNX sensors ABB i-bus® KNX. 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.



KNX sensor Busch-priOn®	page 04-05
KNX sensor Busch-triton®	page 06-07
Multifunction control elements with LED colour concept	page 08-09
Standard control elements	page 10-11
Millenium KNX control elements	page 12-13
Push-button coupling units sensor interface	page 14
Room temperature controller FanCoil with display	page 15
Busch-ComfortTouch®	page 16-17
Diversity of the range	page 18-19
Technical data	page 20-23

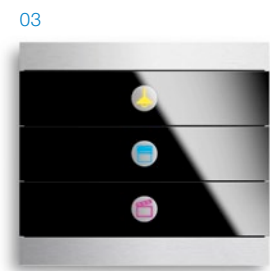
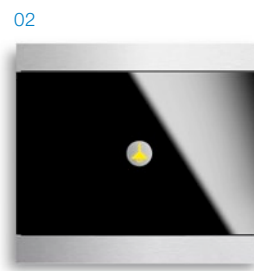
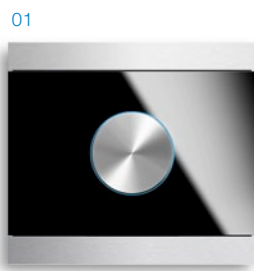
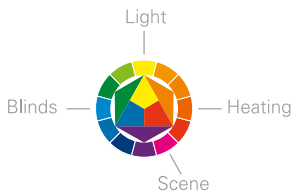


Image archive: Bang & Olufsen

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.

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 | Anti-theft protection | Day/night operation

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 | Anti-theft protection | Replaceable labelling symbol (Fig. shows Lighting labelling symbol)

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 | Anti-theft protection | Replaceable labelling symbol (Fig. shows labelling symbols Lighting, Blinds and Scene)

01 Rotary control element

02 1gang control element

03 3gang control element

04 Glass black

05 Studiowhite, glossy

06 Stainless steel

07 White glass

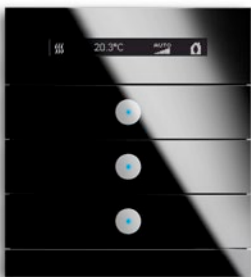


reddot design award
best of the best 2008

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



01



A single-line display with integrated room temperature controller 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 room temperature controller, information function like 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 display is available in the colour and material "glass black" only.

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.

02



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.

03



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.

04



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

05



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.

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.



Blinds

Climate control

Scene

01 3gang control element with single-line display and temperature controller

02 2gang combination

03 3gang combination

04 carat® glass black

05 Flush-mounted movement sensor

Busch-triton®.

Elegant ergonomics.

With freely programmable switch rockers, backlit label fields and IR sensor Busch-triton® is ideal for any application and with its elegant design it is commonly installed in hotels and public areas. Busch-triton® is equipped with an integrated bus coupler and IR receiver. The unit composed of control element and integrated bus coupler now really has everything required to control building systems elegantly and comfortably.

Colour-coordinated.

The Busch-triton® is available in five stunning colours, offering exactly the right ambience for any environment. The colours offer exactly the right accent to the carat®, impuls, alpha and future® linear ranges – such as the use of the colour-coordinated socket outlets or motion detectors.



01



01 1/2gang control element with rear-illuminated labelling area and IR reception

Function

Switching | Dimming | Blinds | Value transmitter | Value dimming sensor | Light scene extension unit | Step-type switch | Short/long operation | 13 freely programmable IR channels | 8 light scenes

Features

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

02



Function

Switching | Dimming | Blinds | Value transmitter | Value dimming sensor | Light scene extension unit | Step-type switch | Short/long operation | 13 freely programmable IR channels | 8 light scenes

Features

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

03



Function

Switching | Dimming | Blinds | Value transmitter | Value dimming sensor | Light scene extension unit | Step-type switch | Short/long operation | 13 freely programmable IR channels | 8 light scenes

Features

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



01



Function

LCD display room temperature controller | Comfort | Stand-by | Night operation | Frost protection | Heating | Cooling | Fan control | Switching | Dimming | Blinds | Value | 13 freely programmable IR channels | 8 light scenes

Features

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

02



Function

LCD display room temperature controller | Comfort | Stand-by | Night operation | Frost protection | Heating | Cooling | Fan control | Switching | Dimming | Blinds | Value | 13 freely programmable IR channels | 8 light scenes

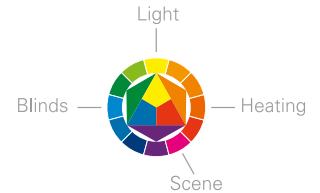
Features

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

01 3/6gang control element with rear-illuminated labelling field, integrated room thermostat, LCD display and IR reception

02 5/10gang control element with rear-illuminated labelling field, integrated room thermostat, LCD display and IR reception

Multifunction control elements with LED colour code concept. And the utmost in comfort.



The multifunction control elements with LED colour code concept meet the highest demands for comfort and technology. They each come with two RGB LEDs per rocker switch, which conform to a consistent colour concept. This makes the function obvious at a glance, and the surfaces can be additionally fitted with pictograms. Each side of a rocker switch can be occupied with its own function – each for calling up one light scene, for instance. This turns a 4gang control element into an 8gang control element.

Wide range. Different shapes, colours and materials fulfil every requirement. KNX control elements are available in the carat®, pure stainless steel, solo®, Busch-axcent® and future® linear programmes. The complete range of conventional switches from these series is available, so there are no limits to the options for combining KNX components.



01



02



03



01 Multifunction control element 1/2gang

02 Multifunction control element 2/4gang

03 Multifunction control element 4/8gang

04 Room temperature controller

05 Multifunction control element 2/4gang, integrated room thermostat

06 Multifunction control element 3/6gang with IR reception

07 FM movement detector standard

08 FM movement detector comfort

Function

Switching | Dimming | Blinds | Push-button | Value transmitter | Light scene extension unit | Step-type | Multiple operation | Logic function (including light scenes)

Features

Labellable switch rockers | Anti-theft protection | Freely programmable switches | LED colour code concept

Function

Switching | Dimming | Blinds | Push-button | Value transmitter | Light scene extension unit | Step-type | Multiple operation | Logic function (including light scenes)

Features

Labellable switch rockers | Anti-theft protection | Freely programmable switches | LED colour code concept

Function

Switching | Dimming | Blinds | Push-button | Value transmitter | Light scene extension unit | Step-type | Multiple operation | Logic function (including light scenes)

Features

Labellable switch rockers | Anti-theft protection | Freely programmable switches | LED colour code concept



04



Function

Comfort | Stand-by | Night mode | Frost protection | Specified temperature | Time | Date | Heating | Cooling | Fan Coil operation for heating and cooling | Light scenes | Light scene extension unit | Value | Logic function (including light scenes)

Features

Labellable switch rockers | Anti-theft protection | Display illumination | LED colour code concept

05



Function

Comfort | Stand-by | Night mode | Frost protection | Specified temperature | Time | Date | Heating | Cooling | Fan Coil operation for heating and cooling | Light scenes | Light scene extension unit | Value | Logic function (including light scenes)

Features

Labellable switch rockers | Anti-theft protection | Display illumination | Colour concept

06



Function

10 freely programmable IR channels | Switching | Dimming | Blinds | Button | Light scenes | Light scene extension unit | Value | Logic function (including light scenes)

Features

Labellable switch rockers | Anti-theft protection | Display illumination | Colour concept

07



08



Function

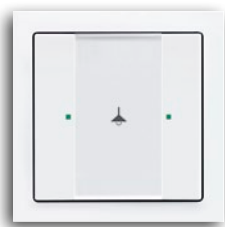
4 channels | Logic function (including light scenes)

Standard control elements. Quality as basis.

The standard control elements are available as 1/2gang, 2/4gang or 4/8gang models. Every switch rocker has two LEDs, which display the status of the connected loads. The separate switch rockers are freely programmable and are suitable for switching and dimming, and also for operating blinds and as a light scene extension unit. They can also be used in commercial applications. Anti-theft protection has also been integrated – an important factor for installations in public areas.

Customised text. Pictograms can be applied to push buttons for easier orientation. A clear text template with standard symbols is included for every sensor. The self-explanatory pictograms are available for the complete range of building control technology and if necessary can be easily replaced. If the appropriate symbol is not included, the push buttons can be labelled as desired. The related bus-coupler unit is included in delivery.

01



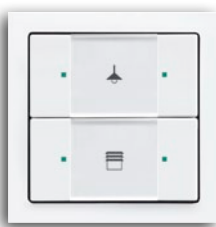
Function

Switching | Dimming | Blinds | Push-button | Value transmitter | Light scene extension unit

Features

Labellable switch rockers | Anti-theft protection | Freely programmable switches | Status/orientation light (red/green/OFF)

02



Function

Switching | Dimming | Blinds | Push-button | Value transmitter | Light scene extension unit

Features

Labellable switch rockers | Anti-theft protection | Freely programmable switches | Status/orientation light (red/green/OFF)

03



Function

Switching | Dimming | Blinds | Push-button | Value transmitter | Light scene extension unit

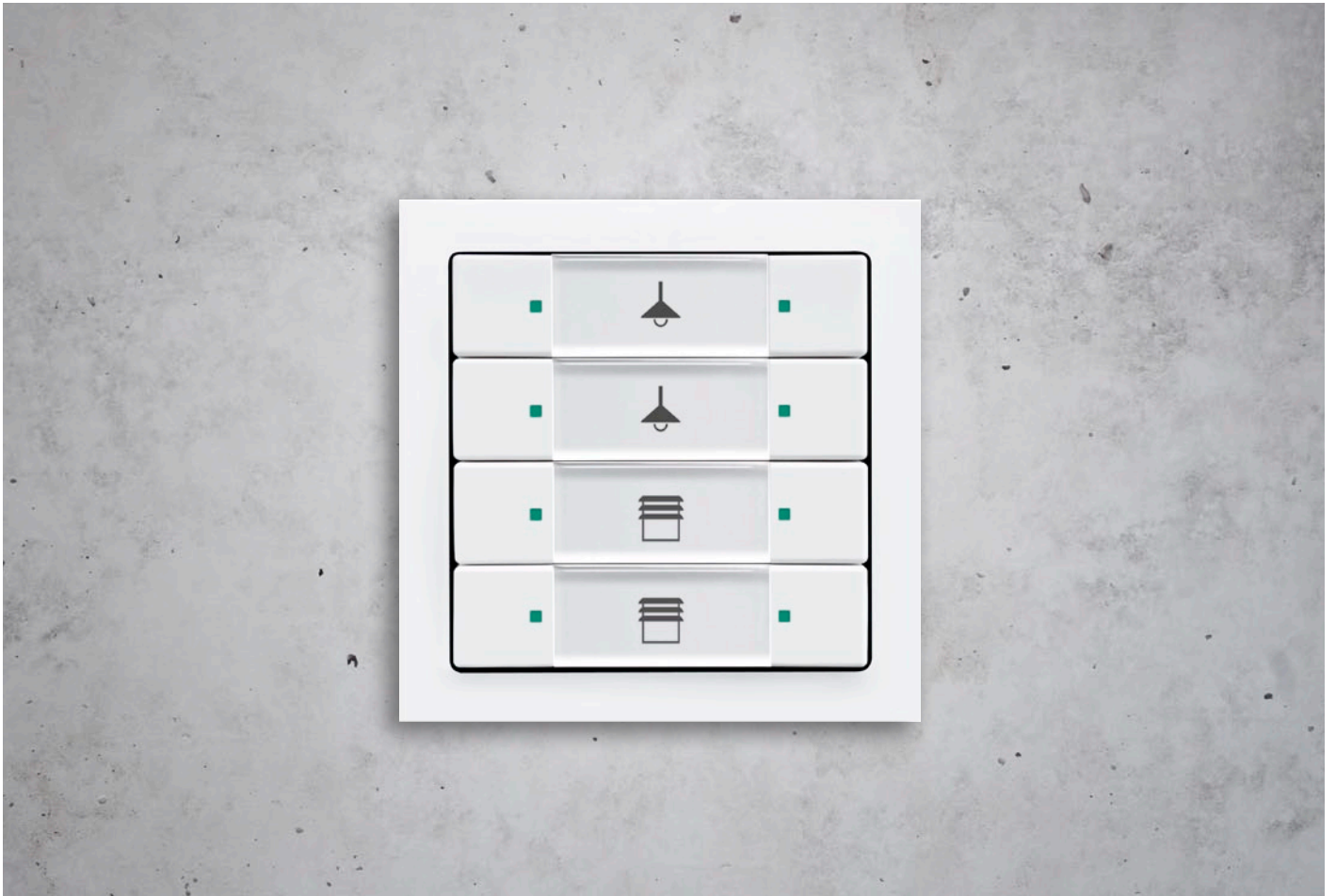
Features

Labellable switch rockers | Anti-theft protection | Freely programmable switches | Status/orientation light (red/green/OFF)

01 Standard control element 1/2gang

02 Standard control element 2/4gang

03 Standard control element 4/8gang



01



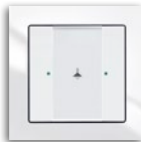
02



03



04



05



01 carat®

02 pure stainless steel

03 solo®

04 Busch-axcent®

05 future® linear

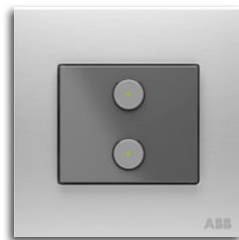
Millenium KNX. Everything under control.

The new Millenium collection is the first metal range to incorage the KNX system, the most intelligent way of managing spaces and optimizing performance in terms of energy savings. Millenium is based on a combinable concept which creates which creates a very comprehensive range, suitable for any types of needs. This makes it the ideal collection for all types of homes, hotels, offices and shops.

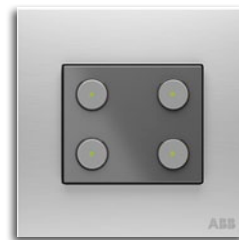
Wide range. Millenium range offers special mounting plates for KNX sensors to reduce the height and improve the aesthetics for ultra slim design. The KNX sensors allow to replace the buttons with desired symbols in order to adjust the sensors to specific design and needs like light, blind, scene, RTC or fan coil. Millenium offers a wide and elegant choice of finishes in stainless steel material: from the Brush Stainless Steel, to the soft new touch given by the Silk Black, and the luxury of the sophisticated gold finishes, Matt Gold and Antique Gold.



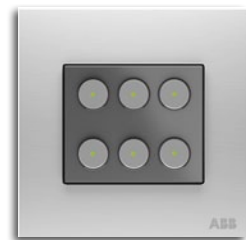
01



02



03



01 Switch Sensor 2gang KNX

Function

Switching | Dimming | Blinds |
Sending values | Scenes etc.

02 Switch Sensor 4gang KNX

Features

Incl. 10 logic channels (light scene actuator | sequence actuator | logic gates, etc.)

03 Switch Sensor 6gang KNX

Control element: Switch contacts
Display elements: LED to indicate the function

Function

Switching | Dimming | Blinds |
Sending values | Scenes etc.

Features

Incl. 10 logic channels (light scene actuator | sequence actuator | logic gates, etc.)

Control element: Switch contacts
Display elements: LED to indicate the function

Function

Switching | Dimming | Blinds |
Sending values | Scenes etc.

Features

Incl. 10 logic channels (light scene actuator | sequence actuator | logic gates, etc.)

Control element: Switch contacts
Display elements: LED to indicate the function

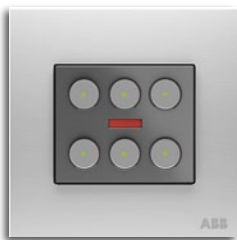
04 Switch Sensor 6gang KNX with IR

05 Busch watchdog 180° KNX

06 Room Thermostat KNX



04



Function

Switching | Dimming | Blinds |
Sending values | Scenes etc. |
6gang sensor with IR.

Features

Incl. 10 logic channels (light scene
actuator | sequence actuator | logic
gates, etc.)
Control element: Switch contacts
Display elements: LED to indicate
the function

05



Function

Movement sensor with up to four
channels.
Detection range: frontal: 6 m,
lateral: 6 m
Detection angle: 180 °
Brightness limit value:
5 Lux - 150 Lux
Mounting height: 1.1 m

06



Function

Control element with room
thermostat function for triggering the
heating, ventilation and fan-coil
actuators. The controller is a
thermostat for Fan Coil units in 2-
and 4-pipe systems and conventional
heating or cooling systems. The fan
stage can be switched manually or in
automatic mode.

The Millenium range is only available
in the following countries:

China, Dubai, India, Kuwait, Oman,
Qatar, Saudi Arabia, Singapore, UAE
and UK.

Frames and special mounting plates
for KNX sensores have to ordered by:

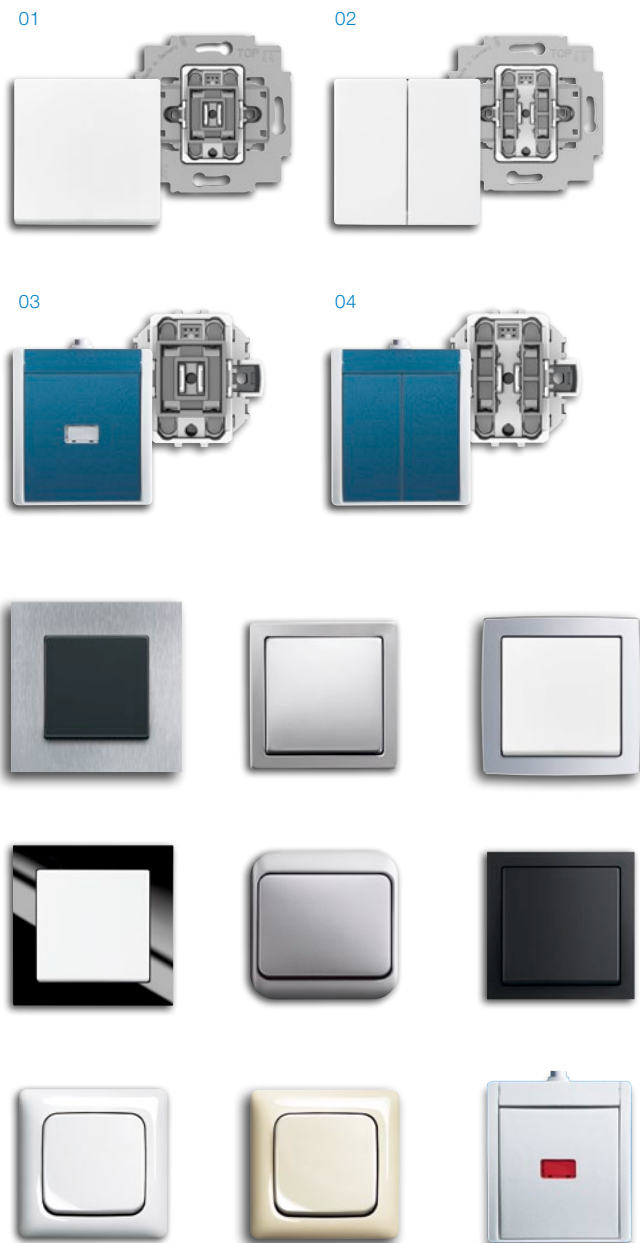
ABB, S.A.
Low Voltage Products-Niessen,
Oartzun/Spain
www.abb.es/niessen

Features

Incl. 10 logic channels (light scene
actuator | sequence actuator | logic
gates, etc.)
Switch contacts for operating mode
selection and dial for setpoint or fan
speed adjustment.
Display elements: LCD showing
operation modes.
Protection class (Device): IP 20
Temperature range (Device): -5 °C
to 45 °C

Push-button coupling unit. The efficient solution for all Busch-Jaeger switch ranges*.

The push-button coupling unit with a centre position offers maximum flexibility. Installed in a flush-mounted wall box, it accepts switch rockers from conventional switch ranges* like a completely standard flush-mounted insert. Covers from all conventional ranges can now be used for KNX. This offers maximum freedom in the selection of the switch range and makes retrofitting easier.



Features

Easy mounting and uncomplicated commissioning

All flush-mounted switch ranges* can be used for the ABB i-bus® KNX

Affordable solution for renovations

Status/orientation light (red/green/OFF)
(only with 1gang push-button/switches)

Integration in surface-mounted water protected units

01 Push-button coupler 1/2gang with integrated bus coupler

02 Push-button coupler 2/4gang with integrated bus coupler

03 Push-button coupler 1/2gang for ocean with integrated bus coupler

04 Push-button coupler 2/4gang for ocean with integrated bus coupler

Design without limits. The push-button coupling unit includes the complete range* of switches for KNX. Switch rockers from all switch ranges can now be converted to KNX push buttons, which not only switch on and off but also dim or show the status with an LED (6108/01 and 6108/04 only). 1gang and 2gang models for single and 2gang switch rockers are available.

KNX – water protected

The push-button coupling unit also allows special products to be used for KNX. Special models for water-protected installation allow covers from, for example, the ocean® surface-mounted range to be used. This means that KNX sensors can also be safely installed in a cellar, outside on a patio or in commercial applications. Temperature range: -25 °C to 45 °C

Room thermostat FanCoil with display, surface-mounted with integrated bus coupler

Living and working with a feeling of well-being. And here the air in the room is one of the most important factors. Because the body takes an ideal temperature for granted and therefore easily reacts to changes. Heated or air-conditioned rooms can be optimally adjusted – to a consistently pleasant ambience.

The KNX Fan Coil room temperature controller for stand-alone applications. The Fan Coil room temperature controller with display is a room temperature controller for ventilator convectors or conventional systems for heating and cooling. This option offers complete air-conditioning for rooms. The temperature can be adjusted precisely for personal comfort. The fan speeds can be selected by push buttons. Even very large rooms can be heated or cooled to a comfortable temperature quickly – with additional air-conditioning units. The KNX Fan Coil room temperature controller can be operated individually. The bus coupler is integrated into the control element.

Function

- » Temperature sensor
 - » RTC setting
 - » Illuminated display
 - » Fan Coil operation for heating and cooling
-

Features

- » Very easy to operate with large, clear display
 - » Complete air conditioning
 - » Fan speeds can be manually selected
 - » Integrated bus coupler
 - » Surface-mounted, independent switching program
 - » Colours: studio white, aluminium silver
-



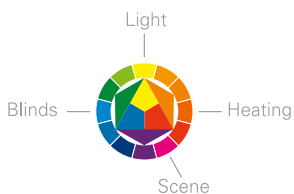
Busch-ComfortTouch®.

Every day an individual experience.

Das 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.

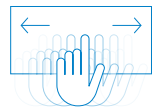


Simplicity and user-friendliness are always the top priorities for operation. Busch-Jaeger has developed a unique colour coding concept for the user interface of its intelligent home control system. Each comfort area is assigned a specific colour. Yellow stands for lighting, blue for the blind control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



reddot design award
winner 2013

01



01 Busch-ComfortTouch® 12.1
Glass black

02 Busch-ComfortTouch® 9
Glass black

03 Busch-ComfortTouch® 9
White glass

04 Busch-ComfortTouch® 12.1
Glass black

05 Busch-ComfortTouch® 12.1
White glass

02



03



04



05





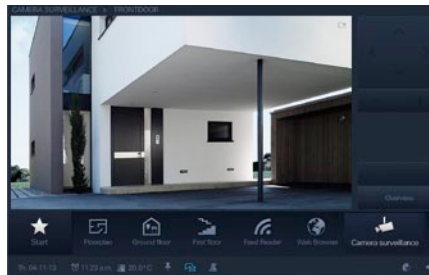
Image archive: Busch-Jaeger

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

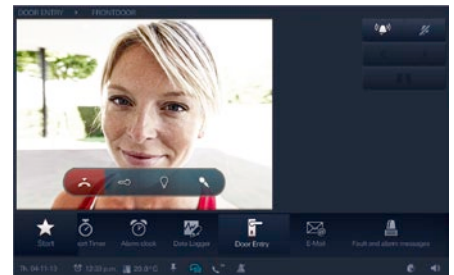
store windows, at the press of a button or via a time-controlled function. Another useful feature is the handy memo field allowing you to write text by hand - use it, for example to write a shopping list or for leaving messages for others. Colour pictures from surveillance cameras on stairways or outside 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.



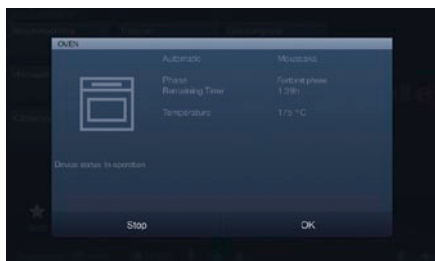
Media player



Video surveillance



Door communication



Control of household appliance



Dashboard



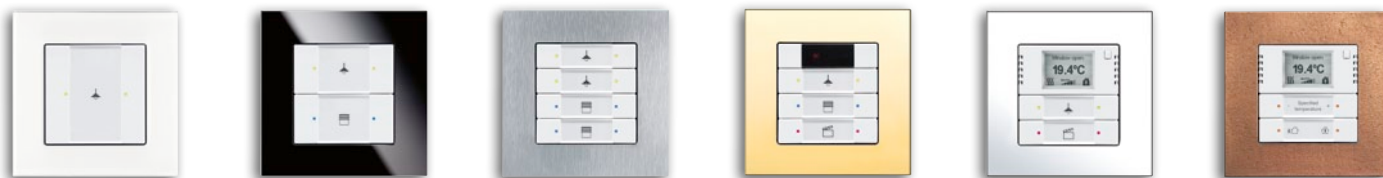
Remote control by tablets (APP)


reddot design award
 winner 2013

 **iOS**
 Busch-ComfortTouch®
 controllable via app

Unique diversity of the range.

01



02



03



04



05

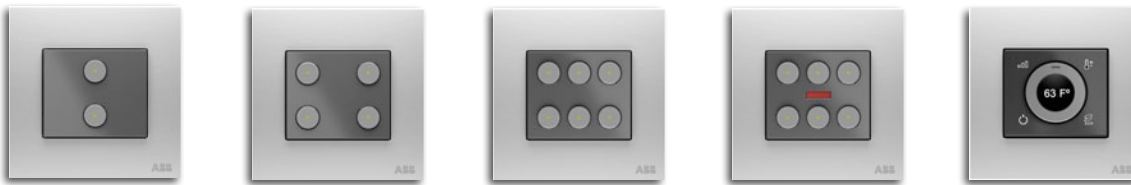


Inner qualities and external beauty.

Busch-Jaeger switch ranges turn into a reality what their names promise. The allround high-quality carat® series, for example. From the classic Reflex SI/SI Linear via impressive

high-quality pure stainless steel and up to the shining modern highlights of Busch-axcent®: Busch-Jaeger design is impressive in its promotion of style.

06



07



08



01 carat®

02 pure stainless steel

03 solo®

04 Busch-axcent®

05 future® linear






06 Millenium*

07 Busch-triton®



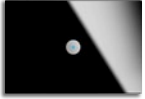

08 Busch-priOn®

*The Millenium series is only available in selected markets.







Technical data.

Program	Standard control elements, bus coupler included with package	Multifunction control elements, suitable for KNX bus coupler			
					
	6125/01 1gang 6126/01 2gang 6127/01 4gang	6125/02 1/2gang 6126/02 2/4gang 6127/02 4/8gang	6129/01 3/6gang with IR	6124/01 RTC	6128/01 2/4gang with RTC
KNX function					
Switching, rocker switch total	●	●	●	-	●
Switching, rocker switch left/right	-	●	●	-	●
Dimming, rocker switch total	●	●	●	-	●
Dimming, switch rocker left/right	-	●	●	-	●
Blind switch rocker total	●	●	●	-	●
Venetian blind switch rocker total left/right	-	●	●	-	●
Short-long operation, switch rocker left/right	-	●	●	-	●
Value sender rocker switch total	●	●	●	-	●
Value sender switch rocker left/right	-	●	●	-	●
Value dimming sensor, switch rocker total	-	●	●	-	●
Red/green LED status illumination (red/green/off)	Two LEDs per switch rocker	-	-	-	-
RGB LED function illumination + status illumination	-	Two LEDs per switch rocker	Two LEDs per switch rocker	Two LEDs per switch rocker	Two LEDs per switch rocker
Setting the RTC operating mode	-	●	●	-	●
Value sender, 2 objects, switch rocker left/right	●	●	●	-	●
Light scene extension unit with light scene memory function	●	●	●	-	●
Level switch, switch rocker total	-	●	●	-	●
Level switch, switch rocker total left/right	-	●	●	-	●
Multiple operation, rocker switch left/right	-	●	●	-	●
IR remote control channels (up to 5 channels)	-	-	●	-	-
Room temperature controller only					
Temperature reading	-	-	-	●	●
RTC settings	-	-	-	●	●
Illuminated display	-	-	-	●	●
Fan Coil operation for heating and cooling	-	-	-	●	●
Logic function (including light scenes)	-	●	●	●	●
Busch-Watchdog 4 channels	-	-	-	-	-
Busch-Jaeger					
Reflex SI	-	-	-	-	-
Busch Duro 2000® SI	-	-	-	-	-
future®linear	●	●	●	●	●
alpha exclusive / nea	-	-	-	-	-
Busch-axcent®	●	●	●	●	●
solo®	●	●	●	●	●
impuls	-	-	-	-	-
pure stainless steel	●	●	●	●	●
carat®	●	●	●	●	●
ocean®	-	-	-	-	-
All Weather 44®	-	-	-	-	-
Busch-priOn®	-	-	-	-	-
Busch-triton®	-	-	-	-	-



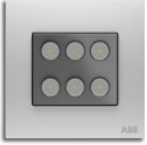



Technical data.

Program	Busch-triton® (next generation) Monoblock		Busch-priOn® suitable for KNX bus coupler	
				
	6320/10 1/2gang 6320/30 3/6gang 6320/50 5/10gang	6320/38 3/6gang with RTC 6320/58 5/10gang with RTC	6340-xx-101 1/2gang	6341-xx-101 rotary-control element
KNX function				
Switching, rocker switch total	●	●	●	-
Switching, rocker switch left/right	●	●	●	●
Dimming, rocker switch total	●	●	●	-
Dimming, rocker switch left/right	●	●	●	-
Blind switch rocker total	●	●	●	-
Blind switch rocker total left/right	●	●	●	●
Short-long operation, switch rocker left/right	●	●	●	-
Value sender rocker switch total	●	●	●	-
Value sender switch rocker left/right	●	●	●	-
Value dimming sensor, switch rocker total	●	●	●	●
Red/green LED status illumination (red/green/off)	1 LED per switch rocker	1 LED per switch rocker	-	-
RGB LED function illumination + status illumination	-	-	1 LED per switch rocker	1 LED per button
Setting the RTC operating mode	●	●	●	-
Value sender, 2 objects, rocker switch left/right	●	●	●	-
Light scene extension unit with light scene memory function	●	●	●	-
Level switch, switch rocker total	●	●	●	-
Level switch, switch rocker total left/right	●	●	●	-
Multiple operation, rocker switch left/right	-	-	●	-
IR remote control channels (up to 13 channels)	●	●	-	-
Light scene unit (8 scenes for up to 8 actuators)	●	●	-	-
Light scene unit (10 scenes for up to 10 actuators)	-	-	-	-
Programmable shift key	●	●	-	-
Proximity function	-	-	-	-
Room temperature controller only				
Temperature reading	-	●	-	-
RTC settings	-	●	-	-
Illuminated display	-	●	-	-
Fan Coil operation for heating and cooling	-	●	-	-
Media box/CD/DVD/Radio	-	-	-	-
Short-time timer	-	-	-	-
Weekly timer	-	-	-	-
Alarm clock	-	-	-	-
Messages	-	-	-	-
Screen saver	-	-	-	-
Display text/value	-	-	-	-
Device lock	-	-	-	-
Logic function (including light scenes)	-	-	●	●
Busch-Watchdog 4 channels	-	-	-	-

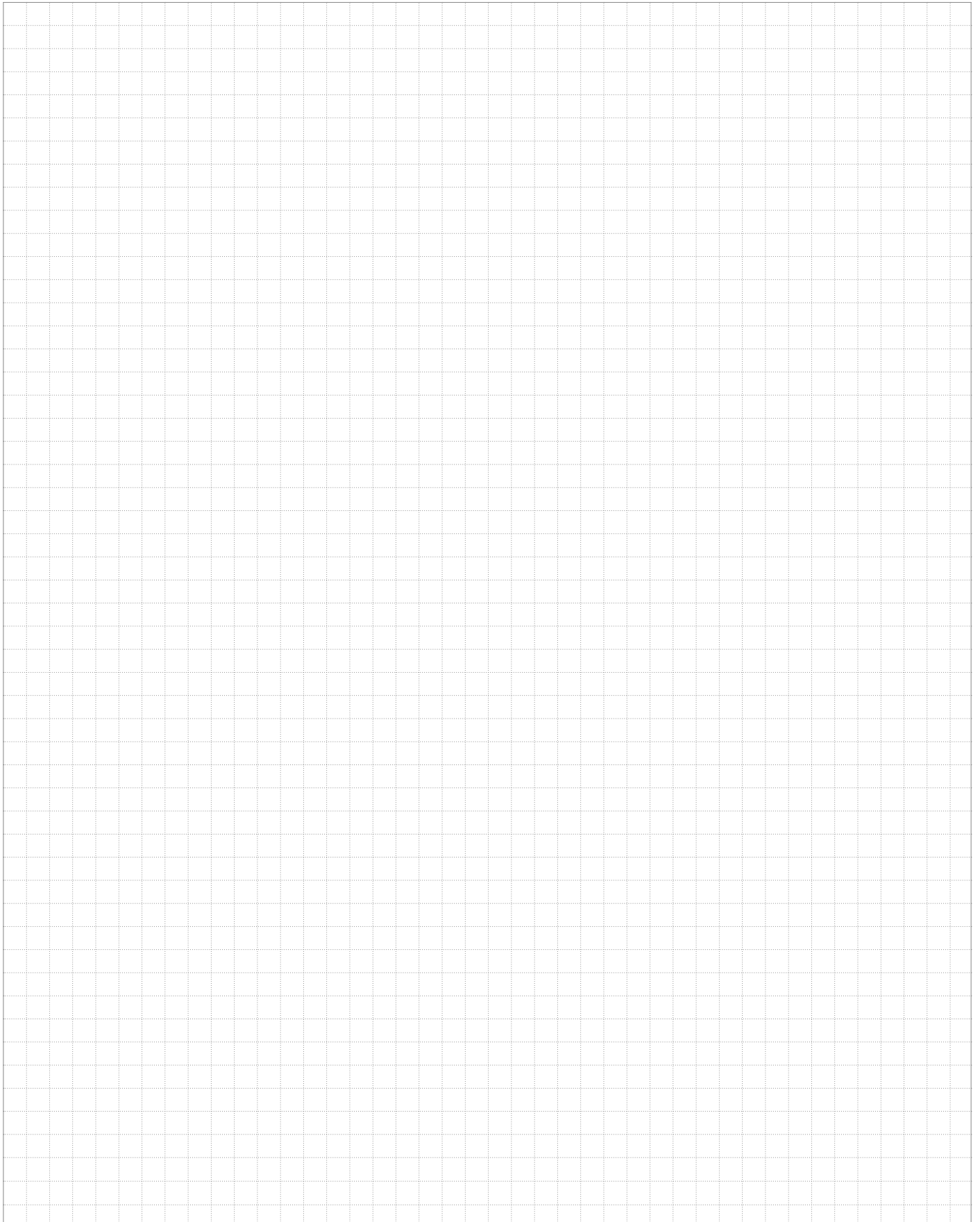
6120/12-101 or 6120/13 (depending on the specific combination)

					
6342-xx-101 3/6gang	6344-xx-101 8.89 cm (3.5") TFT colour display with rotary control element	6344-xx-101	6351-825-101 end strip top with information display, room temperature controller, IR receiver and proximity sensor + 6342-xx-101 3/6gang	6350-825-101 end strip top with IR receiver and proximity sensor	6352-xx-101 end strip bottom with temperature sensor
●	-	-	●	-	-
●	●	-	●	-	-
●	-	-	●	-	-
●	●	-	●	-	-
●	-	-	●	-	-
●	●	-	●	-	-
●	-	-	●	-	-
●	-	-	●	-	-
●	●	-	●	-	-
●	●	-	●	-	-
-	-	-	-	-	-
1 LED per switch rocker	-	-	1 LED per switch rocker	-	-
●	●	-	●	-	-
●	-	-	●	-	-
●	●	-	●	-	-
●	-	-	●	-	-
●	-	-	●	-	-
●	-	-	●	-	-
-	-	-	●	●	-
-	-	-	-	-	-
-	●	-	-	-	-
-	-	-	-	-	-
-	-	-	●	●	-
-	-	-	-	-	-
-	-	-	-	-	●
-	●	-	●	-	-
-	●	-	●	-	-
-	●	-	●	-	-
-	●	-	-	-	-
-	●	-	-	-	-
-	●	-	-	-	-
-	●	-	-	-	-
-	●	-	-	-	-
-	●	-	-	-	-
-	●	-	-	-	-
-	●	-	-	-	-
-	●	-	-	-	-
●	●	●	●	-	-
-	-	●	-	-	-

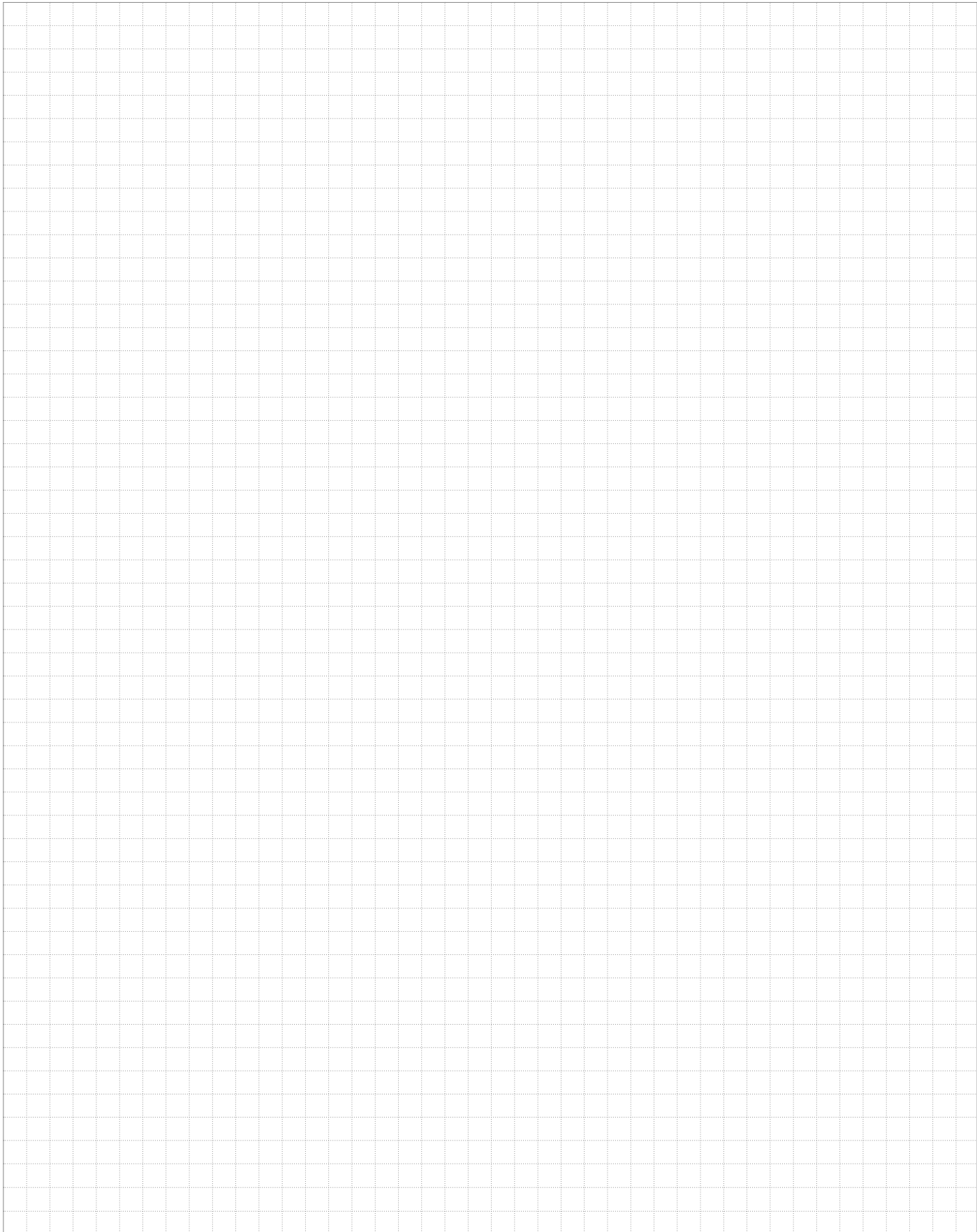
Technical data.

Program	Millenium					
						
	6125/20-500 1/2gang	6126/20-500 2/4gang	6129/20-500 3/6gang	6129/21-500 3/6gang with IR	6122/20-500	6124/20-500
KNX function						
Switching, button pair	●	●	●	●	-	-
Switching, button upper/lower	●	●	●	●	-	-
Dimming, button pair	●	●	●	●	-	-
Dimming, button upper/lower	●	●	●	●	-	-
Blind, button pair	●	●	●	●	-	-
Blind, button upper/lower	●	●	●	●	-	-
Short-long operation, button upper/lower	●	●	●	●	-	-
Value transmitter, button pair	●	●	●	●	-	-
Value transmitter, button upper/lower	●	●	●	●	-	-
Value dimming sensor, button pair	●	●	●	●	-	-
Value dimming sensor, upper/lower	●	●	●	●	-	-
RGB LED function illumination + status illumination	●	●	●	●	-	-
Setting the RTC operating mode	●	●	●	●	-	-
Value transmitter, 2 objects, button upper/lower	●	●	●	●	-	-
Light scene extension unit with light scene memory function	●	●	●	●	-	-
Step switch, button pair	●	●	●	●	-	-
Step switch, button upper/lower	●	●	●	●	-	-
Multiple operation, button upper/lower	●	●	●	●	-	-
IR remote control channels (up to 5 channels)	-	-	-	●	-	-
Room temperature controller only						
Temperature reading	-	-	-	-	-	●
RTC settings	-	-	-	-	-	●
Illuminated display	-	-	-	-	-	●
Fan Coil operation for heating and cooling	-	-	-	-	-	●
10 logic channels (incl. light scene, actuator, sequence actuator, logic gates, etc.)	●	●	●	●	-	●
Busch-Watchdog 4 channels	-	-	-	-	●	-

Notes



Notes



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