

# Innovations





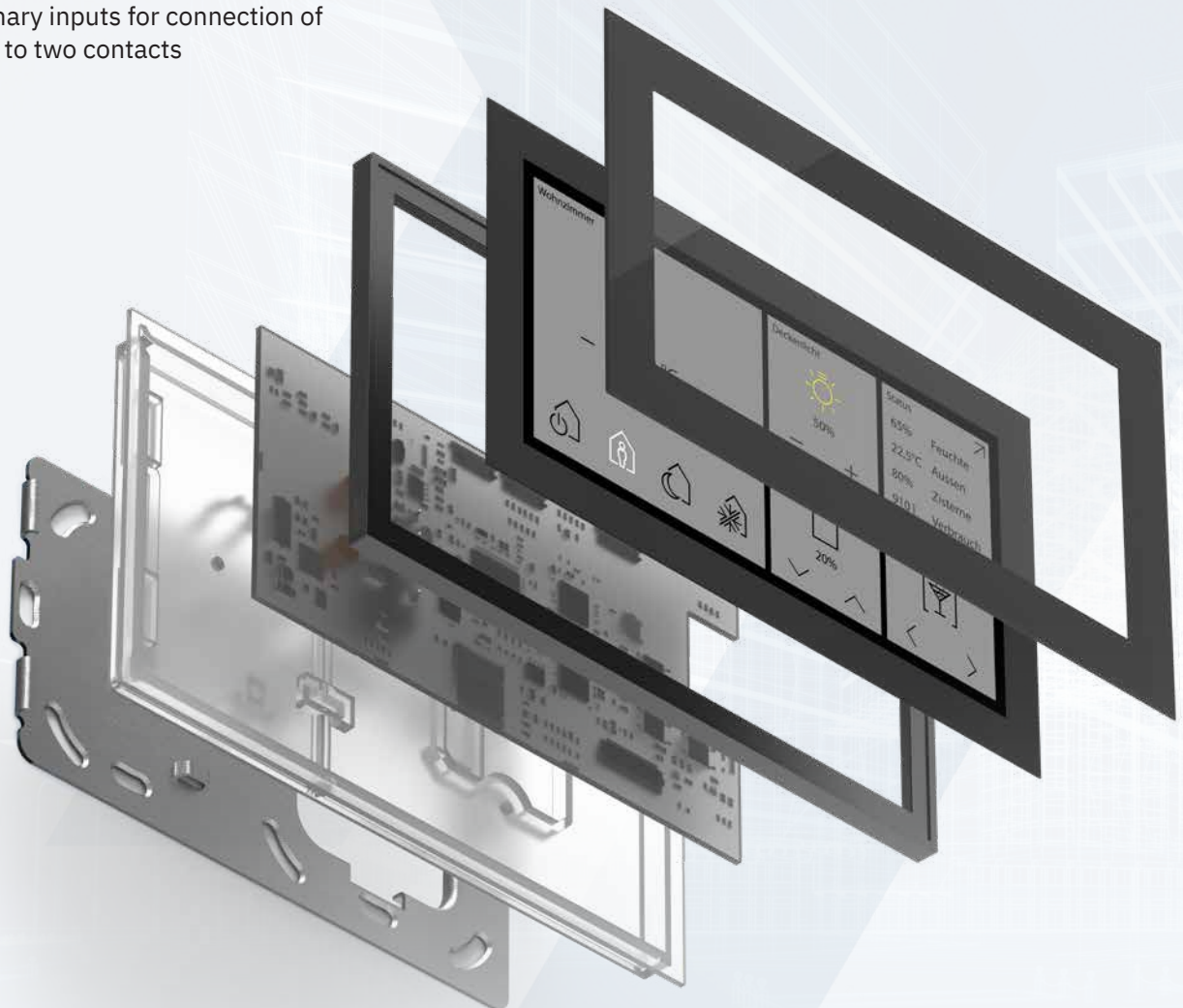
# As individual as you are

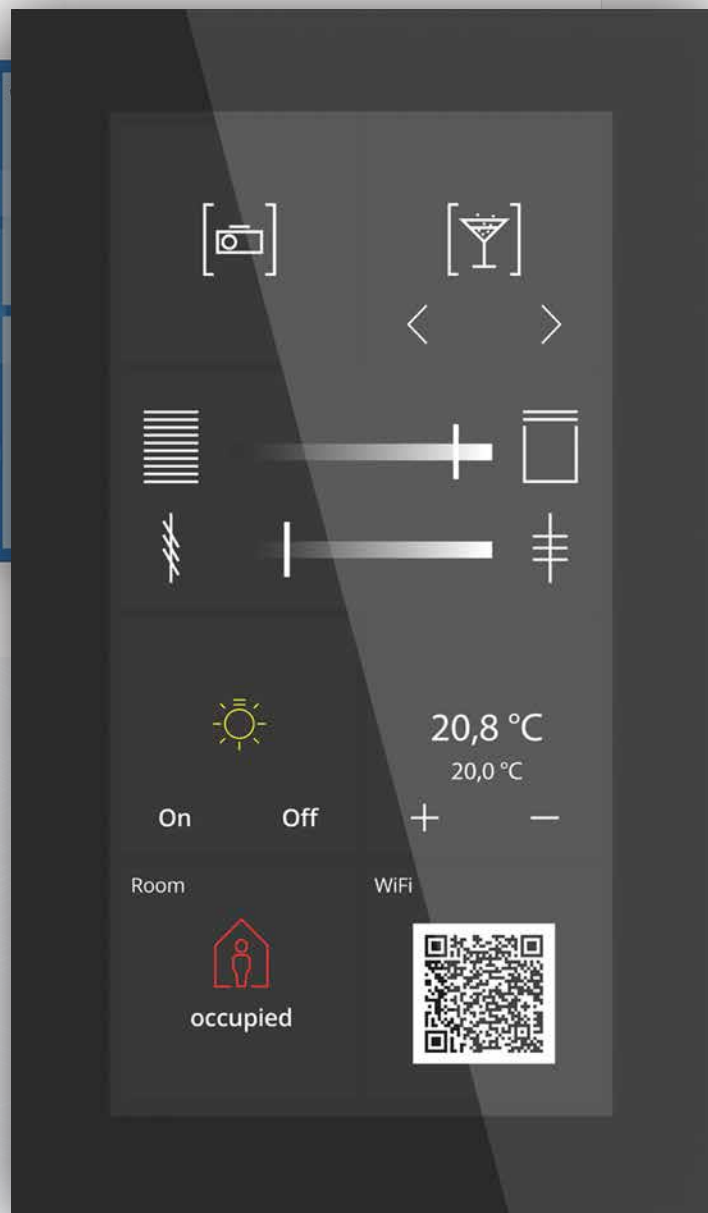
## Glass Touch Smart

- Multifunctional capacitive, high-resolution 6-inch TFT-colour display (1440 x 720 Pixel)
- Intuitive user interface for straightforward control of room functions
- Circumferential orientation light
- Up to 64 functions and 12 status displays on independent levels
- Room functions switching, dimming, tunable white, HSV, RGB, RGBW, sun shading, HVAC
- Temperature sensor, integrated Room temperature controller for heating- / cooling operation
- Logic functions, scene control, innovative group control
- Indication of status information / alarms (1 Bit / 14 Byte)
- Code lock function
- Individual customised design according to customer requirements (Logo, Background picture, design colour)
- Anti-theft / anti-dismantling protection
- Installation in a standard installation box (EU, UK, CH, CN)
- Auxiliary power supply 24-30 V DC
- Integrated Bus coupling unit
- Dimensions (W x L): 92 mm x 160 mm

### Additional functions – Glass Touch Smart Plus

- Integrated loudspeaker for acoustical feedback (button press, signalling of alerts)
- Circumferential RGBW-background illumination
- Code lock function on up to 2 levels
- Binary inputs for connection of up to two contacts







Original size

## Highlights

- ▶ Vertical or horizontal installation
- ▶ High-resolution 6-inch display
- ▶ Customisable layout
- ▶ Up to 64 functions
- ▶ Incl. heating controller and temperature sensor

Art.No.

|   |   |                      |
|---|---|----------------------|
|  | <b>KNX Glass Touch Smart Plus 6 inch, black</b> | <b>BE-GTS6TS.01</b>  |
|  | <b>KNX Glass Touch Smart Plus 6 inch, white</b> | <b>BE-GTS6TW.01</b>  |
|  | <b>KNX Glass Touch Smart Plus 6 inch, black</b> | <b>BE-GTSP6TS.01</b> |
|  | <b>KNX Glass Touch Smart Plus 6 inch, white</b> | <b>BE-GTSP6TW.01</b> |

**Available  
as of Q2/24**





# Smart in black

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The elegant side of KNX

[www.smartinblack.com](http://www.smartinblack.com)









# Push-button Light 55













- Push-buttons can be programmed for 1 or 2 button operation
- 1 and 2 button operation for switching, dimming, shutters, values
- Changing of values / scenes with up to 4 values
- Short / long button push with 2 objects
- Innovative group control with long / extra-long button press
- New multi-touch function, sends up to 4 values / DPTs on the same or different objects
- Two RGBW Status LED per button pair
- LED brightness controllable via day / night or brightness object
- 4 logic blocks
- Installation in an installation box with included support ring



## 1-fold

|   | Art.No.                |  | Art.No.                |
|---|------------------------|--|------------------------|
| <b>Push-button Lite 55, 1-fold, RGBW, black matt finish</b>   |                        | <b>Push-button Lite 55, 1-fold, RGBW, black matt finish</b>  |                        |
|  NEUTRAL                         | <b>BE-TAL550106.01</b> |  UP/DOWN symbol with temperature sensor | <b>BE-TAL55T106.A1</b> |
| <b>Push-button Lite 55, 1-fold, RGBW, black matt finish</b>   |                        | <b>Push-button Lite 55, 1-fold, RGBW, black matt finish</b>  |                        |
|  NEUTRAL with temperature sensor | <b>BE-TAL55T106.01</b> |  I/O symbol                             | <b>BE-TAL550106.B1</b> |
| <b>Push-button Lite 55, 1-fold, RGBW, black matt finish</b>   |                        | <b>Push-button Lite 55, 1-fold, RGBW, black matt finish</b>  |                        |
|  UP/DOWN symbol                 | <b>BE-TAL550106.A1</b> |  I/O symbol with temperature sensor    | <b>BE-TAL55T106.B1</b> |

## 2-fold

|  | Art.No.                |  | Art.No.                |
|--|------------------------|--|------------------------|
| <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        | <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        |
|  NEUTRAL                                | <b>BE-TAL550206.01</b> |  I/O symbol with temperature sensor                     | <b>BE-TAL55T206.B1</b> |
| <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        | <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        |
|  NEUTRAL with temperature sensor        | <b>BE-TAL55T206.01</b> |  UP/DOWN and I/O symbol                                 | <b>BE-TAL550206.C1</b> |
| <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        | <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        |
|  UP/DOWN symbol                         | <b>BE-TAL550206.A1</b> |  Version UP/DOWN and I/O symbol with temperature sensor | <b>BE-TAL55T206.C1</b> |
| <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        | <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        |
|  UP/DOWN symbol with temperature sensor | <b>BE-TAL55T206.A1</b> |  Version I/O and UP/DOWN symbol                         | <b>BE-TAL550206.D1</b> |
| <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        | <b>Push-button Lite 55, 2-fold, RGBW, black matt finish</b>  |                        |
|  I/O Symbol                             | <b>BE-TAL550206.B1</b> |  Version I/O and UP/DOWN symbol with temperature sensor | <b>BE-TAL55T206.D1</b> |

## 4-fold

|   | Art.No.                |   | Art.No.                |
|---|------------------------|---|------------------------|
| <b>Push-button Lite 55, 4-fold, RGBW, black matt finish</b>                                 |                        | <b>Push-button Lite 55, 4-fold, RGBW, black matt finish</b>   |                        |
|  NEUTRAL | <b>BE-TAL550406.01</b> |  NEUTRAL with temperature sensor | <b>BE-TAL55T406.01</b> |

# Smart in black

## Push-button Lite 55 Basic

Art.No.

- Push-buttons can be programmed for 1 or 2 button operation
- 1 and 2 button operation for switching, dimming, shutters, values
- Changing of values / scenes with up to 4 values
- Short/long button push with 2 objects
- **Innovative group control with long/extra-long button press**
- **New multi-touch function, sends up to 4 values / DPTs on the same or different objects**
- 4 logic blocks
- Installation in an installation box with included support ring

### Push-button Lite 55 Basic, 1-fold, black matt finish



1-fold

BE-TAL55B106.01

### Push-button Lite 55 Basic, 2-fold, black matt finish



2-fold

BE-TAL55B206.01

## Push-button 55

Art.No.



Available  
as of 7/24

- **Middle text field with cover foil for individual labelling**
- Push Buttons can be programmed for 1 or 2 button operation
- Single- and double button operation for Switching, Dimming, Blinds, Values
- **Innovative group control with long/extra-long operation**
- Value/Scenes toggle with up to 4 values
- Short/long button push and 2 objects
- 4 Logic blocks
- Installation in an installation box with included support ring

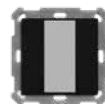
### Push-button 55 2-fold, black matt



2-fold

BE-TA550206.02

### Push-button 55 4-fold, black matt



4-fold

BE-TA550406.02

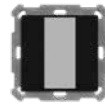
### Push-button 55 6-fold, black matt



6-fold

BE-TA550606.02

### Push-button 55 8-fold, black matt

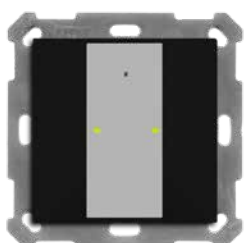


8-fold

BE-TA550806.02

## Push-button Plus 55

Art.No.



Available  
as of 7/24

- **Middle text field with cover foil for individual labelling**
- Push Buttons can be programmed for 1 or 2 button operation
- Single- and double button operation for Switching, Dimming, Blinds, Values
- **Innovative group control with long/extra long operation**
- Value/Scenes toggle with up to 4 values
- Short/long button push and 2 objects
- 4 Logic blocks
- 2/4/6/8 Operation/Status LEDs (Red/Green) and Orientation light independently controllable
- Switch object to control the Led priority
- Installation in an installation box with included support ring

### Push-button Plus 55 2-fold, black matt



2-fold

BE-TA55P206.02

### Push-button Plus 55 4-fold, black matt



4-fold

BE-TA55P406.02

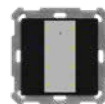
### Push-button Plus 55 6-fold, black matt



6-fold

BE-TA55P606.02

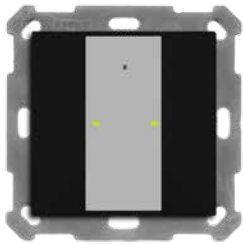
### Push-button Plus 55 8-fold, black matt



8-fold

BE-TA55P806.02

## Push-button Plus TS 55

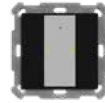


Available  
as of 7/24

- Temperature sensor to measure room temperature
- Middle text field with cover foil for individual labelling
- Push Buttons can be programmed for 1 or 2 button operation
- Single- and double button operation for Switching, Dimming, Blinds, Values
- **Innovative group control with long/extra long operation**
- Value / Scenes toggle with up to 4 values
- Short/long button push and 2 objects
- 4 Logic blocks
- 2/4/6/8 Operation/Status LEDs (Red/ Green) and Orientation light independently controllable
- Switch object to control the Led priority
- Installation in an installation box with included support ring

Art.No.

### Push Button Plus TS 55 2-fold, black matt



2-fach

BE-TA55T206.02

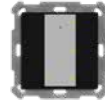
### Push Button Plus TS 55 4-fold, black matt



4-fach

BE-TA55T406.02

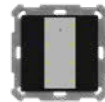
### Push Button Plus TS 55 6-fold, black matt



6-fach

BE-TA55T606.02

### Push Button Plus TS 55 8-fold, black matt



8-fach

BE-TA55T806.02



## Push-button Smart 55



Available  
as of 7/24

- **Active colour display for function and status display**
- Adjustable background colour of the display (white or black)
- Adjustable display brightness via light sensor and day/night object
- Display of indoor/outdoor temperature and time
- **New multi-touch function, sends up to 4 values / DPTs on the same or different objects**
- **Innovative group control with long/extra-long button press**
- 1 and 2 button operation for switching, dimming, shutters, values
- **Symbols and plaintext adjustable for each button/function**
- Short/long button push with 2 objects
- Installation in an installation box with included support ring
- Recommended installation height: 1.05 - 1.20 m
- **No additional power supply required**
- Integrated bus coupling unit

Art.No.

### Push-button Smart 55, 4-fold with colour display, black matt



4-fold

BE-TAS550406.01

### Push-button Smart 55, 4-fold with colour display, black matt



4-fold

with temperature/humidity sensor

BE-TAS55T406.01

## Smart in black

### Shutter Push-button Smart 55

- **Active colour display for function and status display**
- Adjustable display brightness via light sensor and day / night object
- **Display of height, slat and wind / rain / frost alarm**
- Up / down buttons for manual operation
- Innovative group control with long / extra-long button press
- **Time switch with 8 switching times, power reserve**
- **Daily / weekly / astro switching function**
- **Automatic holiday calculation**
- Switching times adjustable via ETS and on the push-button
- Control of height and slat via time switch
- **Time switch and automatic shading can be activated manually**
- Output objects for date / time (master)
- Date / time adjustable via bus (slave)
- 8 logic blocks with 4 inputs each
- No additional power supply required
- Installation in an installation box with included support ring



Available  
as of 4/24

Art.No.

#### Shutter Push-button Smart 55 with colour display, black matt

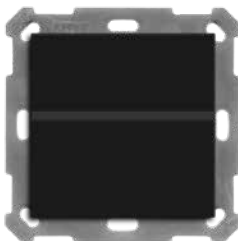


**4-fold**  
with integrated time switch

**BE-JTA550406.01**

### Motion Detector / Automatic Switch 55

- **Motion detector with light sensor and 2 sensors**
- Motion detection angle H 180° / V 15°, coverage 6-10 m Ø
- **Suitable for pets up to 12 kg**
- **Sensitivity separately adjustable for day / night / presence**
- **Detection of movement direction**
- 2 light channels, 1 channel for HVAC and alarm
- Short-time presence to reduce stopping time
- Master / slave function, scenes and logical functions
- **Integrated white LED night light**
- Day / night function, orientation light function
- Block and forced setting functions with release time
- External push-button input for automatic and manual operation
- Recommended installation height: 1.05 - 1.20 m
- Installation in an installation box with included support ring



Available  
as of 4/24

Art.No.

#### Motion Detector / Automatic Switch 55, black matt



black  
matt

**SCN-BWM5506.02**

### Room Temperature Controller Smart 55

- **Active colour display for function and status display**
- **Background colour w / b and display brightness adjustable**
- **Display of set and actual temperature**
- **For indoor temperature control, range -10 to +50 °C**
- Simple setpoint adjustment via separate +/- buttons
- 1 bit +/-, 1 byte or 2 byte absolute object for setpoint adjustment
- Setpoint values are stored on bus voltage failure
- Limit values min / max, frost-protection alarm, min / max memory
- Operation mode can be set via bit / byte objects
- **Temperature and humidity sensor** with dew point calculation
- Message when leaving the comfort zone
- **4 binary inputs to connect dry contacts (push-button, switch, window contacts)**
- Ventilation control by hand or automatic operation
- 14 byte object for plaintext diagnostic
- Recommended installation height: 1.60 m
- Installation in an installation box with included support ring



Available  
as of Q2/24

Room Temperature Extension  
UnitSmart 55 (SCN-RTN55S0601)  
also available in black from  
Q2/24.

Art.No.

#### Room Temperature Controller Smart 55, black matt finish



black  
matt

**SCN-RTR55S06.01**



## Room Temperature Controller 55

- Selectable temperature controller (PI, two-position, PWM)
- Setpoint value is stored on voltage failure
- Bit / Byte object to set the given value
- For indoor temperature controlling, range -10° to +50 °C
- Limit values min / max, Frost protection alarm, Memory for min / max
- Setpoint value via visualization, e.g. MDT VisuControl

Available as of Q2/24

Art.No.

### Room Temperature Controller 55, black matt



black  
matt

**SCN-RT1UP06.01**

## Room Temperature Controller 55, adjustable

- Selectable temperature controller (PI, two-position, PWM)
- Setpoint value is stored on voltage failure
- Bit / Byte object to set the given value
- For indoor temperature controlling, range -10° to +50 °C
- Limit values min / max, Frost protection alarm, Memory for min / max
- Setpoint value via visualization, e.g. MDT VisuControl

Available as of Q2/24

Art.No.

### Room Temperature Controller 55, adjustable, black matt



black  
matt

**SCN-RT1UPE06.01**

## Room Temperatur Sensor 55

- Limit values min / max, frost- / heat protection alarm
- Operation mode can be set via Bit/Byte objects
- Installation with support ring (included in delivery)

Available as of Q2/24

Art.No.

### KNX Room Temperatur Sensor 55, black matt



black  
matt

**SCN-TS1UP06.01**

## Object Controller 55

- **Room temperature controller for indoor rooms, range -10 to +50 °C**
- **Selectable temperature controller (PI, two-position, PWM)**
- 1 bit + / -, 1 byte or 2 byte absolute object for setpoint adjustment
- Setpoint values are stored on bus voltage failure
- Limit values min / max, frost-protection alarm, min / max memory
- Operation mode can be set via bit / byte objects

Available as of 4/24

Art.No.

### Object Controller 55, black matt



black  
matt

**SCN-RTR55006.01**

## Room Temperature / Humidity Sensor 55

- **Room temperature sensor for indoor rooms, range -10 to +50 °C**
- **Humidity sensor with dew point calculation**
- **Message when leaving the comfort zone**
- **Limit values min / max, min / max memory**
- Installation in an installation box with included support ring
- Recommended installation height: 1.60 m

Available as of 4/24

Art.No.

### Room Temperature / Humidity Sensor 55, black matt



black  
matt

**SCN-TFS5506.01**

## CO2 / VOC Combi Sensor 55

- **Combi sensor for measuring the CO2 and mixed gas concentration (VOC), room temperature and relative humidity**
- Upper and lower threshold value adjustable for each measured value
- **Air quality control function adjustable as step / PI controller for CO2 or VOC sensor**
- 4 step controllers with 1-bit outputs or 1-byte output with adjustable thresholds

Available as of Q3/24

Art.No.

### CO2 / VOC Combi Sensor 55, black matt



black  
matt

**SCN-CO2MGS06.02**

# Smart in black

## LED Indicator 55

- 12 independently switchable RGB LEDs
- 3 objects for each LED
- 4 states for each LED possible  
(value=0, value=1, 2 priority objects, failure of an object)
- 8 logic blocks with 8 inputs each (8 objects)
- 4 modules to compare telegrams
- Brightness adjustable in 2 steps
- **Day / night object**
- Deactivation / reduction of the brightness
- Object presence / absence
- **Drop out monitoring for objects with report function**
- Object with report function  
(e.g. absence or window opened)



Available  
as of Q3/24

Art.No.

### LED Indicator 55, black matt



black  
matt

SCN-LED5506.01





## Push Button Smart 86

- Usable as 4/6/8/12-fold Push Button
- Large, coloured active display to indicate function and status
- Up to 12 functions on 2 or 3 levels (2x6 or 3x4 functions)
- 6 mechanical buttons with finger recess
- Up to 6 functions without level switching
- **Innovative group control with long/extra-long operation/Keystroke**
- **Slap function with new range of functions**
- **Mapping function for convenient function allocation**
- **Extended info display with up to 3 lines and up to 6 measured values**
- Symbols and plain text adjustable for each button/function
- The buttons can be programmed for 1 or 2 button operation
- Indication of individual messages/text telegrams (1 Bit/14 Byte)
- 1 or 2 button operation for switching, dimming, shutters, values
- Short/long button push with 2 objects
- RGB status of all buttons separately controllable from each level
- Indication of inside/outside temperature and time
- No additional power supply required
- Recommended installation height: 1,10 - 1,25 m (as push button)

### Push-button Smart 86 with temperature sensor

- With temperature sensor for room temperature measurement
- Additional functions to set temperature and operating mode
- Application as RTC in combination with AK heating actuator



Available  
as of 5/24

Art.No.

### Push Button Smart 86 with colour display, black matt



black  
matt

**BE-TAS8606.02**

### KNX Push Button Smart 86 with colour display and temperature sensor, black matt



black matt with temperature sensor

**BE-TAS86T06.02**



## Central Operation Unit Smart 86

- **Large, active color display (automatic brightness adjustment)**
- **Four direct operating functions (e.g. present, light, blinds)**
- **20 operating functions via menu/time switch (e.g. dimmer/shutter/switching/send values/scenes/temperature set points)**
- **Code lock**  
with 4-6 digits, to lock and unlock the device or alarm activation
- **Daily/weekly/astromical time switch**  
(20 channels each with 6 switching times)
- **Holiday function with time period activation**
- **Automatic calculation of public holidays**
- **Comfortable room temperature controller with temp. sensor**
- **Ventilation control (manual or automatic)**
- **Visualization of inside/outside temperature, setpoint, time/date**
- **Visualization of status information/messages (1 Bit/14 Byte)**
- 6 status LEDs independently controllable
- 6 logic blocks each with 4 inputs
- No additional power supply required
- Installation in a switch box, Recommended installation height: 1.6 m
- Dimensions (W x H): 86 mm x 86 mm



Available  
as of 5/24

Art.No.

### Central Operation Unit Smart 86 with colour display, black matt



black  
matt

**BE-BZS8606.01**

# Smart in black

## Presence Detector with 3 sensors

- **Upgraded application**
- 3 sensors with lens for presence detection
- **Adjustable presence and presence sensitivity for day, night and alarm**
- **Coverage 11 m Ø, presence 5 m Ø**
- 3 light channels, sensors can be individually evaluated
- 1 HVAC and 1 alarm / notification channel
- **Short time presence to reduce the after-running time**
- Input for an external Push Button with reset time
- **Intelligent switching function for automatic / manual operation**
- Locking and forced function with release time.
- Extensive day / night function with 2nd switching object
- **Integrated white LED night light**
- Orientation light function for leaving the room
- **Avoiding of false reports for the alarm channel by reducing the sensitivity and adjustable observation window**



Available  
as of 4/24

Art.No.

### Presence Detector 360° with 3 sensors, black matt



3 Sensors

**SCN-P360D306.03**

### KNX Presence Detector 360° with 3 sensors, constant level light intensity, black matt



3 sensors with constant level  
light intensity

**SCN-P360K306.03**

### MDT Mounting frame Slimline for SCN-P360x3.03, black matt



Mounting frame for surface  
mounting

**SCN-P360R306.01**

## Presence Detector with 4 sensors

- **Upgraded application**
- 4 sensors with lens for presence detection
- **Adjustable presence and presence sensitivity for day, night and alarm**
- **Coverage 16 m Ø, presence 8 m Ø**
- 4 light channels, sensors can be individually evaluated
- 1 HVAC and 1 alarm / notification channel
- **Short time presence to reduce the after-running time**
- Input for an external Push Button with reset time
- **Intelligent switching function for automatic / manual operation**
- Locking and forced function with release time
- Extensive day / night function with 2nd switching object
- **Integrated white LED night light**
- Orientation light function for leaving the room
- **Avoiding of false reports for the alarm channel by reducing the sensitivity and adjustable observation window**



Available  
as of 4/24

Art.No.

### Presence Detector 360° with 4 sensors, black matt



4 Sensors

**SCN-P360D406.03**

### KNX Presence Detector 360° with 4 sensors, constant level light intensity, black matt



4 sensors with constant level  
light intensity

**SCN-P360K406.03**

### MDT Mounting frame Slimline for SCN-P360x4.03, black matt



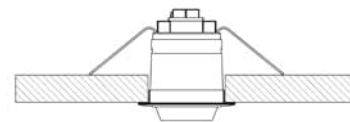
Mounting frame for surface  
mounting

**SCN-P360R406.01**



### Presence detector 360° L2 IP44

- 2 sensors with lens for presence detection
- Adjustable sensitivity and presence sensitivity for day, night and alarm
- **Coverage 9 m Ø, presence 5 m Ø**
- 2 light channels, sensors can be individually evaluated
- 1 HVAC and 1 alarm / notification channel
- Energy saving through efficient control according to demand
- **Short-time presence to reduce stopping time**
- Input for an external push-button with release time
- **Intelligent switching function for automatic / manual operation**
- Block and forced setting functions with release time
- Extensive day / night function with 2nd switching object
- **Integrated white LED night light**
- Orientation light function for leaving the room
- Avoidance of false reports for the alarm channel by reducing the sensitivity and adjustable observation window
- **Protection classification IP44, suitable for wet rooms such as bathrooms**
- Hole installation cut-out diameter 32 mm
- Installation depth: 42 mm
- Integrated bus coupling unit



Art.No.

#### Presence Detector 360° L2 IP44, white matt finish



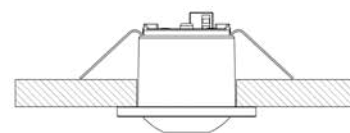
White matt finish

**SCN-P360L2.03**



### Presence detector 360° L3 TS

- 3 sensors with lens for presence detection
- **Adjustable sensitivity and presence sensitivity for day, night and alarm**
- **Coverage 11 m Ø, presence 5 m Ø**
- **3 light channels, sensors can be individually evaluated**
- 1 HVAC and 1 alarm / notification channel
- **Short-time presence to reduce stopping time**
- **Integrated temperature sensor**
- Input for an external push-button with release time
- **Intelligent switching function for automatic / manual operation**
- Block and forced setting functions with release time
- Extensive day / night function with 2nd switching object
- **Integrated white LED night light**
- Orientation light function for leaving the room
- **Avoidance of false reports for the alarm channel by reducing the sensitivity and adjustable observation window**
- Hole installation cut-out diameter 44 mm, installation depth: 41 mm



Art.No.

#### Presence Detector 360° L3 TS, white matt finish



White matt finish

**SCN-P360L3.03**

## Intelligent control in functional buildings

### Combi-Presence Detector 360° with room climate sensors

Art.No.



#### Combi-Presence Detector 360° with room climate sensors, white matt



white  
matt

**SCN-KP360K301.03**

#### Combi-Presence Detector 360° with room climate sensors, black matt



black  
matt

**SCN-KP360K306.03**

- Passive infrared presence detector with 3 sensors for ceiling Installation
- Constant light control for up to 3 light bands
- **Sensors for CO2 and VOC mixed gas concentration, relative humidity and temperature**
- Upper and lower threshold value adjustable for each measured value
- **Visualisation of the air quality by means of an internal RGB LED**
- **Air-quality signal light function adjustable to CO2 or VOC sensor with 4 colour -folds and selectable 1 bit- / scene- / RGB- or HSV- output objects**
- Detection area 360°, Coverage Ø 11 m, presence Ø 5 m
- 1 HVAC and 1 alarm / notification channel
- Short time presence to reduce the after-running time
- Air quality control function adjustable as step / PI controller for CO2 or VOC sensor
- Integrated room temperature controller with externally adjustable setpoint and selectable control parameters

### DALI Control Broadcast Gateway

Art.No.



**Available  
as of 7/24**

#### DALI Control Broadcast Gateway, 4 channel, 4SU, MDRC



4 channel

**SCN-DABC4.01**

- **4 intelligent DALI broadcast channel**
- **Supports up to 32 ECGs per channel**
- **Detection of defective ECGs and malfunctions**
- **Two integrated and separated DALI power supplies**
- Supports DALI, DALI-2 standard and DALI ECG DT6 / DT8
- Innovative HSV colour control, RGB, RGBW and XY colour according to DALI DT8 standard
- Tunable White, colour temperature control
- **Energy saving function to switch off the ECG's per channel (over an additional KNX switch actuator)**
- Commissioning as of from the ETS 5.7.3



## LED Controller 60 W

- **Optimised hybrid dimming for a better light quality**
- Comprehensive application, absolute and relative dimming
- **Dim range von 0.2% to 100%, minimum current 1 mA**
- Perfect dim behaviour over the entire dimming range
- **Max. output power 60 W over both channels**
- **Output current max. 1,400 mA**
- Constant current selectable via DIP switch
- Tuneable white colour temperature control
- Selectable dim curve, individual sequences
- Operating modes: 2× white, tuneable white
- Automatic colour temperature control Dim2Warm
- Dynamic daylight control HCL
- **Automatic time-dependent dimming**
- Overcurrent and overtemperature monitoring
- **Integrated power supply unit in compact design**
- **Secondary connection cable up to 6 m**
- Dimensions (W × H × D): 129 mm × 54 mm × 25 mm



Art.No.

### LED Controller CC/CV 60 W / 230 V 2-channel



2-channel

AKD-0260CC.02

## LED Controller 30 W

- **Optimised hybrid dimming for a better light quality**
- Comprehensive application, absolute and relative dimming
- **Dim range von 0.2% to 100%, minimum current 1 mA**
- Perfect dim behaviour over the entire dimming range
- **Max. output power 30 W over both channels**
- **Output current max. 700 mA**
- Constant current selectable via DIP switch
- Tuneable white colour temperature control
- Selectable dim curve, individual sequences
- Operating modes: 2× white, tuneable white
- Automatic colour temperature control Dim2Warm
- Dynamic daylight control HCL
- **Automatic time-dependent dimming**
- Overcurrent and overtemperature monitoring
- **Integrated power supply unit in compact design**
- **Secondary connection cable up to 6 m**
- Dimensions (W × H × D): 129 mm × 54 mm × 25 mm

Available  
as of 7/24



Art.No.

### LED Controller CC/CV 30 W / 230 V 2-channel



2-channel

AKD-0230CC.02

# Simple Modbus integration

## KNX Modbus Gateway RTU485

- KNX Modbus Gateway RTU485 with up to 200 freely configurable channels.
- Can be used as a Modbus master or slave.
- Slave ID can be selected separately for each channel.
- **Simple scaling settings using mathematical functions.**
- **Value range conversions can be set for each channel.**
- **Multi Read functionality on the Modbus side.**
- **Read / write function with 2 objects per channel.**
- Value comparator blocks with 4 comparison values and operations each.
- **Message texts for displaying the unit status.**
- Universally applicable, supports a wide range of Modbus and KNX data types.
- **No extra Modbus power supply necessary. Power is supplied through the KNX connection.**
- Modbus / KNX galvanically isolated.
- Development and production in Engelskirchen



Art.No.

### KNX Modbus Gateway RTU485, 2TE MDRC



2SU MDRC

**SCN-MBGRU.01**

## KNX Modbus Gateway TCP

- Version for bidirectional data exchange between Modbus TCP and KNX devices
- KNX Modbus Gateway TCP with up to 200 freely configurable channels
- Applicable as a Modbus-Master or as a Slave
- Selectable slave ID for each channel
- **Easy scaling settings using mathematical functions**
- **Value range conversion adjustable for each channel**
- **Multi Read functionality on the Modbus side**
- **Read / write function with 2 objects per channel**
- Value comparator blocks with 4 comparison values and operations each
- **Message texts for displaying the unit status**
- Universally applicable, supports a wide range of Modbus and KNX data types
- KNX Bus commissioning via TCP/IP possible
- 4 simultaneous connections possible



Available  
as of 6/24

Art.No.

### Modbus Gateway TCP, 2SU MDRC



2SU MDRC

**SCN-MBGTCP.01**

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