KNX Glass Touch Smart 6 Inch [BE-GTSx6Tx.01S]

„As individual as you are“ is the motto of the capacitive multi-functional Glass Touch Smart with its high-resolution 6-inch TFT colour display. The elegant and individual design options of the display are impressive. Installed vertically or horizontally, the 6-inch TFT colour display can be individually customised in the ETS. Up to 64 functions can be visualised on independent levels and up to 12 statuses can be shown in standby operation.

Plus version: With time switch, loudspeaker, 2 binary inputs, PT1000 input, circumferential RGBW orientation light, code lock function (4 users).

BE-GTSP6TS.01S

Functions

- Switching
- Dimming
- Blinds / Shutter
- Send values
- Switch/Send values short/long
- Status
- Operating mode switchover (mode selection)
- Temperature setpoint shift
- Temperature control
- Scenes
- Colour control (HSV, RGB(W))
- Page change

High-resolution touch colour display for 64 functions

The brightness of the display adjusts automatically or via an external object (2 bytes, Lux) to its surroundings. The screen background, transparency and colours of the function tiles can be set individually for day and night. The position and size of the 64 function and status tiles can be adjusted for each page. Pages can be changed with a swipe gesture or as a jump function.

Standby and status elements

Up to 12 status elements can be displayed simultaneously in standby mode. These are any values from the KNX bus. In addition to the date and time, many other values such as temperatures, external humidity, power or 1 Bit status can be displayed. 14-byte objects can be used, for example, to display multimedia information such as artist, title or radio station provided via the KNX bus.

KNX Data Secure

The device supports secure commissioning in KNX installations.

Binary inputs (only BE-GTSP6Tx.01S)

Window contacts or conventional light/blind switches can be connected to the 2 binary inputs, for example. Functions such as switching, short/long keypress, dimming, blinds and sending values are possible on single or grouped inputs.

External temperature sensor (only BE-GTSP6Tx.01S)

In addition to the internal temperature sensor, a PT1000 sensor can be connected to measure the room temperature. This can be used, for example, to measure the temperature in the floor or at the ceiling. This temperature value can be included in the internal measurement or used in the temperature controller.

Room temperature controller

The comprehensive PI temperature controller only needs the actual temperature from the internal or an external temperature sensor to start the regulation. The setpoints for “Comfort”, “Standby” and “Night” can be individually configured independently of the “Basic Comfort” setpoint. This ensures a high level of compatibility with many visualisations. The external setpoint shift via objects can be done classically via 1 bit (step), 1 byte (counter pulses) and via 2 bytes (temperature difference and absolute value). Setpoints and the operating mode can be saved and restored in the event of a bus voltage failure.

Code lock function

Function pages can be protected from unauthorised access with a four-digit code. The Basic version allows one user, while the Plus version allows up to four users with different numerical codes.

Messages

Up to 20 prioritised (alarm) messages can be activated via bit and byte objects. The colour of the messages shown on the display can be set and the alarm can be signalled by the orientation light. An alarm can be reset using a button, automatically after a set time or when the alarm ends.

Circumferential orientation light

For night-time orientation, as a signal for alarms or simply as decorative lighting. The white (Plus variant: RGBW) LEDs on the rear have a wide range of applications.

Logic functions

Up to 4 (Plus variant: 8) logic functions can be used in the push-button. Either as universal logic for comparing object values (e.g. equal, unequal, greater than, less than), or as logic operators (AND, OR, XOR) for linking up to 8 inputs.

Time switch (only BE-GTSP6Tx.01S)

12 time switches with 8 switching times each can be set. For example, for daily routines such as raising and lowering roller shutters/blinds or switching outdoor lighting on and off. Thanks to the integrated astro function, this can be done not only according to the time, but also based on the calculated sunrise and sunset at a specified location. The set switching times can be changed as required using a function on the device.

Slap function

The slap function is versatile and can be used, for example, to perform central functions such as switching the main lighting or the central OFF command when leaving the building. All you need to do is briefly place your hand on the device. (Slap!) Almost every single button function can be set as a slap function.

Innovative group control

Standard functions can be extended with an extra-long keypress. For example, the blind function in a living room. With the normal short/long keypress, a single blind is operated. With the additional extra-long key press, for example, all blinds in the living room (group) are operated centrally. The innovative group control can also be used for lighting. For example, a short keypress switches a single light on/off, a long key press switches all lights in the room, and an extra-long keypress switches the entire floor.

Loudspeaker (only BE-GTSP6Tx.01S)

The loudspeaker can be used to play back sounds stored in the device. These can be activated via an object from the KNX bus, serve as button tones or provide acoustic feedback for alarm messages.

Updateable

If necessary, the device can be updated using the ‘MDT Firmware Update App’.

Long Frame Support

The device supports ‘long frames’ (longer telegrams). These contain more data per telegram, which significantly reduces the programming time with the ETS.