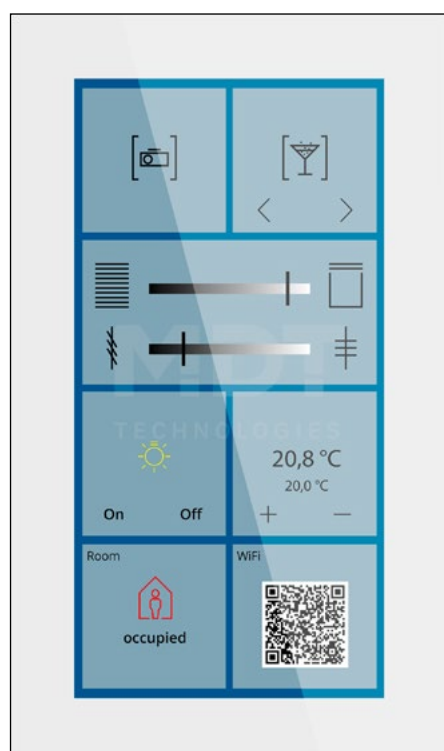# Product data sheet

Version	
BE-GTS06TW.01S	KNX Glass Touch Smart 6-inch, KNX Data Secure, white
BE-GTS06TS.01S	KNX Glass Touch Smart 6-inch, KNX Data Secure, black
BE-GTSP6TW.01S	KNX Glass Touch Smart Plus 6-inch, KNX Data Secure, white
BE-GTSP6TS.01S	KNX Glass Touch Smart Plus 6-inch, KNX Data Secure, black

„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. Can be installed horizontally or vertically. 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, circumferential RGBW background illumination, code lock function (4 users).

- **Multifunctional push-button with capacitive, high-resolution 6-inch TFT-colour display (1440 x 720 Pixel).**
- **Elegant and detailed design, combining glass and brushed aluminium.**
- Intuitive user interface for straightforward control of room functions.
- **White circumferential orientation light. [1]**
- **Circumferential RGBW-background illumination to signal individual operational status, alarms and orientation light. [2]**
- **Up to 64 functions on independent levels and 12 statuses in standby.**
- Room functions: switching, dimming, tunable white, HSV, RGB, RGBW, sun shading, HVAC.
- **Shortcut function (to a specific level).**
- **Comfortable room temperature controller with temperature sensor for heating and cooling operation.**
- Logic functions, scene control, innovative group control.
- **Display of status information (1 Bit) and notification (14 Byte).**
- **Integrated loudspeaker for acoustical feedback (button press, signalling of alerts). [2]**
- **Security against unauthorised access through code lock function (1 user [1] / 4 users [2]).**
- **Individual customised design according to customer requirements (Logo, Background picture, design colour).**
- With anti-theft / anti-dismantling protection.
- **2 binary inputs, 1 input for PT1000 sensor.[2]**
- **With time switch. [2]**
- **Installation in a standard switch box (EU, UK, CH, CN).**
- Integrated Bus coupler, **KNX Data Secure.**
- Dimensions (H x W x D): 92 x 160 x 12.5 mm, horizontally or vertically.
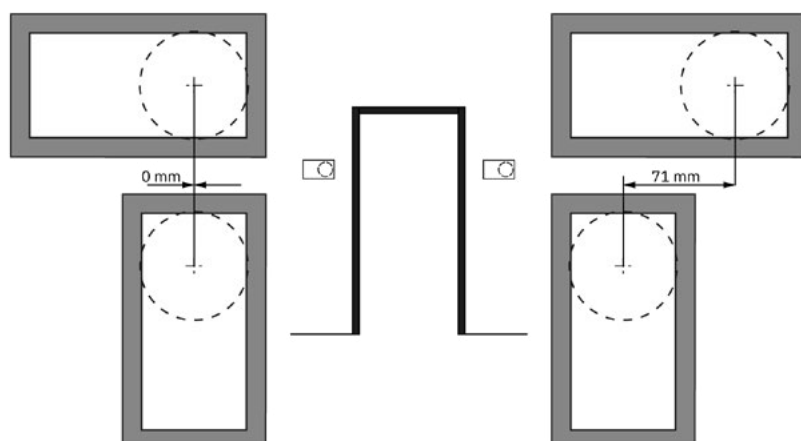
[1]: For Basic-Version
[2]: For Plus-Version

Technische Daten	BE-GTS06Tx.01S *3	BE-GTSP6Tx.01S *3
Number of binary inputs	-/-	2
Input voltage	-/-	≤ 30 V DC *4
Input for temperature sensor	-/-	1 x PT1000
Measuring range for temperature	0 ... 40 °C	
Room temperature control range	7 ... 35 °C	
Accuracy of temperature measurement, typical	± 0,5 °C	
Display	Capacitive 6-inch TFT display	
Circumferential background illumination	White	RGBW
Loudspeaker	-/-	✓
Code lock function	1 user	4 users
KNX Medium	TP-256 with long frame support	
KNX Application	as of ETS 5 (latest)	
KNX Secure	KNX Data Secure	
Secure: maximum numbers of links	1000	
Secure: maximum number of group objects	320	
KNX Cable cross section	Ø 0,6 ... 0,8 mm, solid conductor	
Nominal voltage KNX	30 V DC SELV	
Voltage range KNX	21 ... 31 V DC SELV	
Typical power consumption KNX bus	< 0,15 W	
Auxiliary voltage	21 ... 30 V DC SELV	
Power consumption auxiliary voltage	< 3 W	< 4 W
Ambient operating temperature	0 ... 45 °C	
Humidity	< 95 %	
Protection classification	IP20	
Dimensions (H x W x D)	92 x 160 x 12,5 mm	
Installation Type	Flush-mounted (wind proof installation box recommended)	
Installation position	horizontal (follow the installation notes) + vertical	
Recommended installation height	1,5 m - 1,6 m	

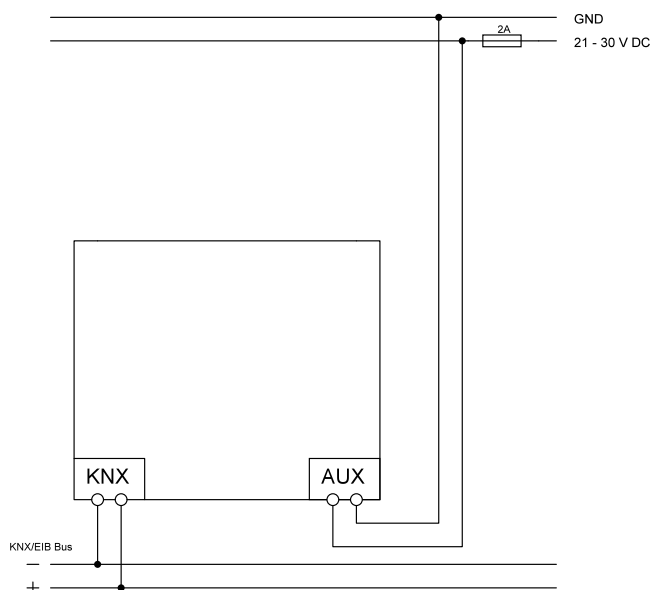*3: x → W: White housing; x → S: Black housing
*4: Galvanic isolation to the KNX bus
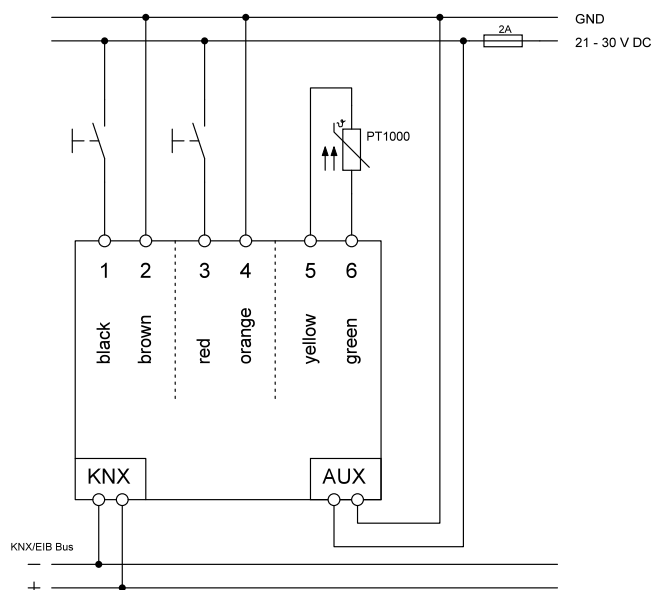
Installation note: Installation box position
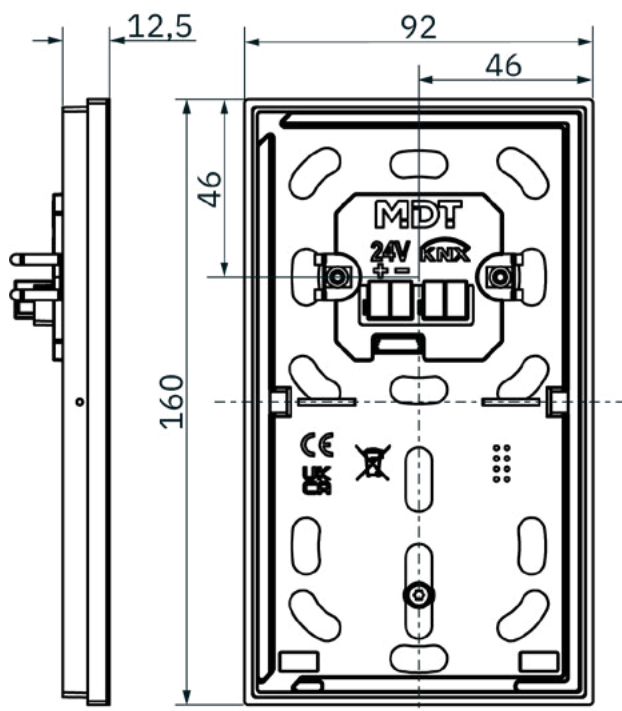
Wiring diagram

GTS06Tx.01S

GTSP6Tx.01S

Dimensional drawing

All dimensions in mm