Innovations

MDT
TECHNOLOGIES

Living room

20,8 °C
20,0 °C

Ceiling light

− +

Status

65 % Humidity
22,5 °C Outside
80 % Cistern
910 l Consump.

Shutters

20%

Scene

KNX

3 Years warranty

M Made in Germany
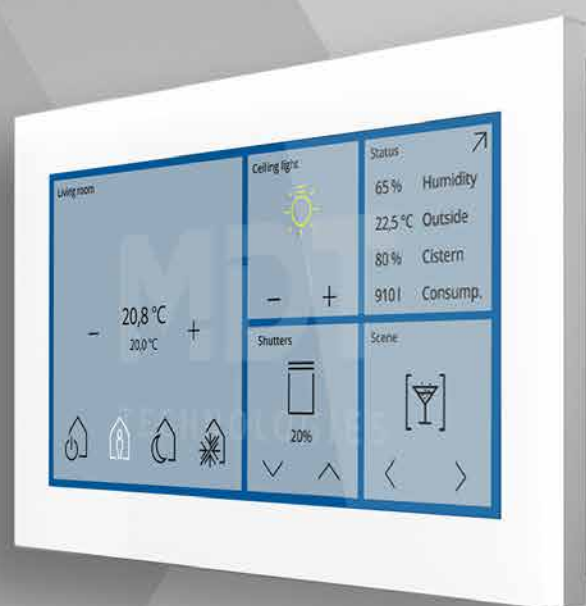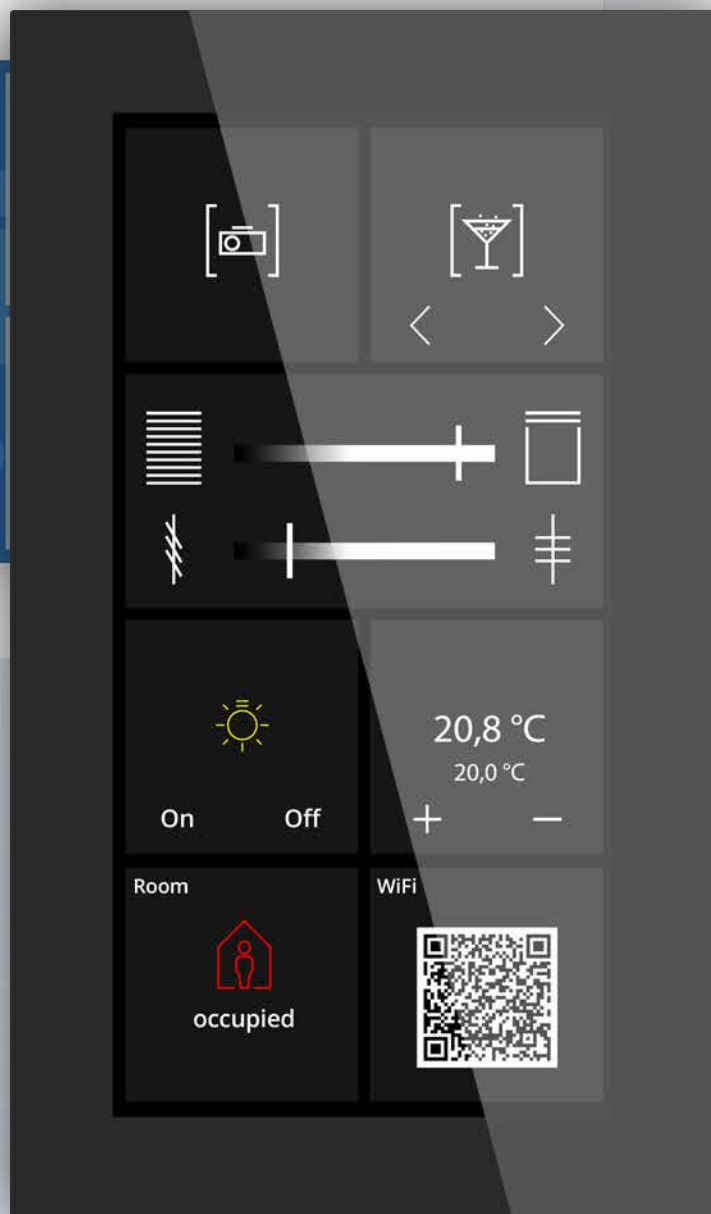
Energy Efficiency

As individual as you are
Glass Touch Smart

Original size

Highlights

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

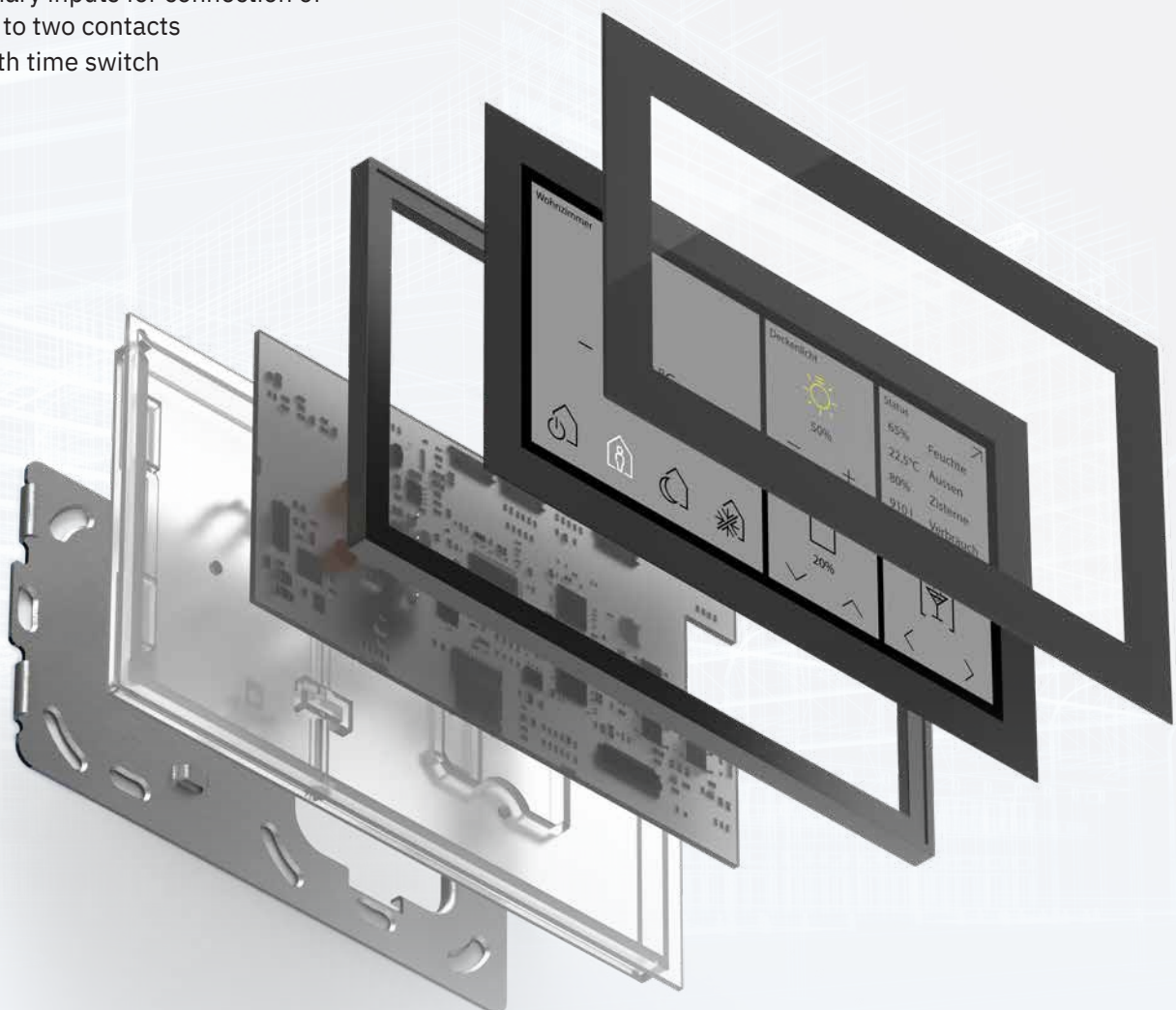|		Art.No.
	KNX Glass Touch Smart 6 inch, KNX Data Secure, black	**BE-GTS06TS.01S**
	KNX Glass Touch Smart 6 inch, KNX Data Secure, white	**BE-GTS06TW.01S**
	KNX Glass Touch Smart Plus 6 inch, KNX Data Secure, black	**BE-GTSP6TS.01S**
	KNX Glass Touch Smart Plus 6 inch, KNX Data Secure, white	**BE-GTSP6TW.01S**

- 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

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
- With time switch

- 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, KNX Data Secure
- Dimensions (W x L): 92 mm x 160 mm

Reliable presence detection

Micro Motion Detector

- **Detection angle H 116° / V 25°, range 5 m**
- **With temperature sensor to measure room temperature**
- **Activation sensitivity for day, night, and presence individually selectable**
- 1 HVAC- and 1 Alarm-/ message object
- **Short-term presence to reduce the follow up time**
- Master/slave function selectable
- External Push-button input for automatic and manual operation
- Blocking- and forced operation with release time
- Recommended installation height: 1.05 ... 1.20 m
- Integrated Bus coupler, **KNX Data Secure**

Original size

	Colour		Art.No.
	White	**Q1/25**	**PSE-BWML01.01S**
	Black	**Q1/25**	**PSE-BWML06.01S**

Micro Presence Detector 360°, 1 sensor

- **Elliptical range: x = Ø 9 m, y = Ø 7 m**
- **With temperature sensor to measure room temperature**
- **Selectable trigger- and presence sensitivity for day, night and Alarm**
- 1 HVAC- and 1 Alarm-/ message object
- **Short-term presence to reduce the follow up time**
- Input for external Push-button with release time
- **Intelligent toggle function for automatic and manual operation**
- Blocking- and forced operation with release time
- Extensive day/night function with a second switching object
- **Prevention of failure messages for alarm channels through reduction of sensitivity and adjustable observation window**
- Flush installation, drilling diameter: 18 mm
- Installation dept: 80 mm
- Integrated Bus coupler, **KNX Data Secure**

Original size

	Colour		Art.No.
	White	**Q1/25**	**PSE-PMC01.01S**
	Black	**Q1/25**	**PSE-PMC06.01S**

Motion Detector 2.2 m TS 55

- Suitable for 55 mm switch ranges
- **Motion detector with 2 sensors and brightness sensor**
- **Temperature sensor to measure the room temperature**
- **Activation sensitivity for day, night, and presence individually selectable**
- Range 11m
- 2 Light channels, 1 HVC- and Alarm channel
- **Short-term presence to reduce the follow up time**
- Master/slave function, scenes and logic functions
- **Day/Night function**
- Blocking- and forced operation with release time
- External Push-button input for automatic and manual operation
- Recommended installation height: 2.20 m
- Installation in an installation box using the included installation frame
- Integrated Bus coupler

	Colour		Art.No.
	White, matt	**Q4/24**	**PSE-B552T01.02**
	White, glossy	**Q4/24**	**PSE-B552T02.02**
	Black, matt	**Q4/24**	**PSE-B552T06.02**

Optimal hybrid dimming from 0.2% - 100%

DALI Control Broadcast Gateway

- **Supports up to 32 ECGs per channel**
- **Identification of faulty lights and ECGs, ECG quick replacement**
- Two integrated and separate 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**
- **Read GTIN for device identification**
- **Energy saving function to switch off the ECG's in the DALI groups (over an additional KNX switch actuator)**
- **KNX Data Secure**
- **Gratis DCA app for commissioning and configuring the DALI bus system, commissioning as of ETS 5**

	Number of outputs	Installation width		Art.No.
	4	4 SU / 71 mm	**12/24**	**SCN-DABC4.01**

MDT – your KNXpert

40 YEARS
Excellence in Electronics

Today, MDT is one of the leading manufacturers of KNX products for the automation of commercial and private buildings. Our company and our employees stand for top quality and user-oriented thinking. With a good 500 different KNX products, we offer one of the most comprehensive KNX product ranges on the market. A wealth of intelligent functions in the products offer the users tangible added value.

We have been developing and manufacturing electronic products in Engelskirchen for 40 years. Founded in 1984 as MCI, the first twenty-five years of business commenced with the development and production of personal computers, RAM and PC accessories. As of from 1996 we focused on the production of RAM components for PCs and on the development and continuous optimisation of its extremely flexible production process. True to the motto at that time, "ordered in the morning - delivered in the evening".

In 2005, we were officially renamed from MCI to MDT technologies, as the brand name of the main memory was increasingly being equated to the company name. In 2009 we initiated and launched the development and production of our first KNX products. The initial 29 products introduced to the market included, a binary input with an integrated logic function - a product combination that was an innovation to the market in 2009. Since 2009, we exclusively develop and produce KNX products.

The constant further development of our product range guarantees that we always have high-quality and innovative products. We are one of the most innovative SMEs in Germany and, among other things, we have been awarded the TOP 100 innovation prize for German SMEs for the ninth time in a row. Our innovative product range is complemented with first-class support and personal contact with our customers. Our KNXperts would be happy to help you with any questions or problems.

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