MDT Glass Push Button II Smart 2/4/6/8/12-fold, flush mounted

Version		
BE-GT20W.02	Glass Push Button II Smart	Flush mounted, White
BE-GT20S.02	Glass Push Button II Smart	Flush mounted, Black
BE-GT2TW.02	Glass Push Button II Smart	Flush mounted, White, integrated Temperature Sensor
BE-GT2TS.02	Glass Push Button II Smart	Flush mounted, Black, integrated Temperature Sensor

The MDT Glass Push Button II Smart sends KNX telegrams dependent on the application settings after touching the sensor areas. The Sensor areas can be programmed for 1 or 2 Button operation. The device provides extensive functions like switching, operation of blinds and shutters, switching/sending values and block communication objects for each channel. The Glass Push Button has 4 integrated logical modules. The sending of an second object is possible via the logical modules.

Furthermore, the Glass Push Button II Smart has an integrated cleaning function and extended functions which can be operated dependent on the application settings if 3 or more of the Push-buttons are simultaneously touched (e.g. slap function).

The Glass Push Button II Smart has a large, coloured active display to indicate funtion and status. For each button are symbols and plain text adjustable. Up to 12 functions on 2 or 3 levels (2x6 or 3x4 functions) can be programmed. The Glass Push Button II Smart can also be used as a 6-fold push button without functional levels. The Glass Push Button II Smart has a RGB status indicator for each sensor area. These can be activated from internal or external objects.

Additional functions Glass Push Button II Smart with temperature sensor:

The Glass Push Button II Smart with temperature sensor offers additional functions to set temperature and operation mode of the heating. In combination with the MDT Heating Actuator an efficient room temperature regulation can be configured and vizualised. Furthermore user defined 1Bit messages and 14Byte text telegrams can be displayed.

The Glass Push Button II Smart is a flush mounted device for fixed installations in dry rooms.

For project design and commissioning of the MDT KNX Glass Push Button II Smart it is recommended to use the ETS. Please download the application software at www.mdt.de/downloads.html
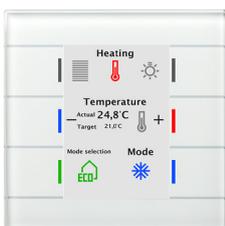
BE-GT20W.02   BE-GT20S.02

BE-GT2TW.02   BE-GT2TS.02

New functions series 02:
- Innovative group control with long/extra long operation / keystroke
- New mapping function for simple function assignment
- Extended info display with up to 3 lines and up to 6 measured values
- New icons
- Slap function with new range of functions

General functions:
- Production in Germany, certified according to ISO 9001
- Large, colour active display to indicate function and status
- Adjustable background colour of the display (white or black)
- Symbols and plain text adjustable for each button/function
- Up to 12 functions on 2 or 3 levels
  (2x6 or 3x4 functions)
- Up to 6 functions without level switching
- The buttons can be programmed for 1 or 2 button operation
- 1 or 2 button operation for switching, dimming, shutters, values
- Short/long button push with 2 objects
- RGB status for each button separate controlable from each level
- Indication of inside/outside temperature and time
- Automatic display brightness via light sensor and day/night object
- No additional power supply required
- 3 years warranty

Technical Data	BE-GT20W.02	BE-GT20S.02	BE-GT2TW.02	BE-GT2TS.02
Number of sensor areas	6	6	6	6
Measurement range temperature	--	--	0 to + 40 °C	0 to + 40 °C
Typical accuracy			± 0,5 °C	± 0,5 °C
Recommended installation height	1,10 - 1,25 m (as Push Button) 1,50 - 1,60 m* (as operating device)		1,10 - 1,25 m (as Push Button) 1,50 - 1,60 m* (as operating device)	
Specification KNX interface	TP-256	TP-256	TP-256	TP-256
Available application software	ETS 5/6	ETS 5/6	ETS 5/6	ETS 5/6
Permitted wire gauge				
KNX busconnection terminal	0,8 mm Ø, solid core	0,8 mm Ø, solid core	0,8 mm Ø, solid core	0,8 mm Ø, solid core
Power supply	KNX bus	KNX bus	KNX bus	KNX bus
Power consumption KNX bus typ.**	< 0,6 W	< 0,6 W	< 0,6 W	< 0,6 W
Operation temperature range	0 to + 45 °C	0 to + 45 °C	0 to + 45 °C	0 to + 45 °C
Enclosure	IP 20	IP 20	IP 20	IP 20
Dimensions (W x H x D)	92 mm x 92 mm x 29,2 mm	92 mm x 92 mm x 29,2 mm	92 mm x 92 mm x 29,2 mm	92 mm x 92 mm x 29,2 mm
Required installation boxes	1	1	1	1

*   If the push button is used with adjustment for given value the recommended mounting height is 1,6m for better clearness of the display.
    During assembly, the assembly heights in accordance with the applicable regulations must be observed.
** Device has to be calculated with two bus loads. No additional power supply required.

Examplary circuit diagram BE-GT2xx.02