MDT Push Button Smart 86, 4/6/8/12-fold

Version		
BE-TAS86.01	Push Button Smart 86	White glossy finish, installation in socket
BE-TAS86T.01	Push Button Smart 86	White glossy finish, integrated Temperature Sensor, installation in socket

The MDT Push Button Smart 86 releases KNX telegrams after touching the buttons, 1 or 2 Button operation can be adjusted. The device provides extensive functions like switching of lighting, operation of blinds and shutters, switching/sending values and block communication objects for each channel. The Push Button Smart 86 has 4 integrated logical modules. The sending of an second object is possible by the logical modules.

Furthermore the MDT Push Button Smart 86 has an integrated cleaning function and a slap function with additional switching channel.

The Push Button Smart 86 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 parameterized. The Push Button Smart 86 can be also used as 6-fold push button without function levels.
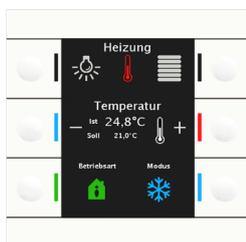
The Push Button Smart 86 offers additional functions to set temperature and operation mode of the heating. In combination with the MDT Heating Actuator an efficient room temperature regulation can be configured and vizualized. Furthermore user defined 1Bit messages and 14Byte text telegrams can be indicated.

The Push Button Smart 86 has a RGB status indicator for each button. These can be set from internal or external objects.
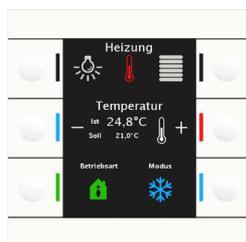
The Push Button Smart 86 is a flush mounted device for fixed installations in dry rooms.

For project design and commissioning of the MDT KNX Push Button Smart 86 it is recommended to use the ETS. Please download the application software at www.mdt.de/downloads.html

BE-TAS86.01   BE-TAS86T.01

- Production in Germany, certified according to ISO 9001
- **Large, coloured 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**
- **6 mechanical buttons with finger recess**
- **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**
- Visualisation of inside/outside temperature and time
- Automatic display brightness via light sensor and day/night object
- **Slap function with additional switch channel**
- **Installation without frame in a installation box**
- Dimensions (W x H): 86mm x 86mm
- Recommended installation height: 1,10 - 1,25m (as Push Button)
- No additional power supply required
- Integrated bus coupling unit
- 3 years warranty

Technical Data	BE-TAS86.01	BE-TAS86T.01		
Number of buttons	6	6		
Measurement range temperature	--	0 to + 40°C		
Recommended mounting height	1,10 - 1,25m (as Push Button) 1,50 - 1,60m* (as operating device)			
Specification KNX interface	TP-256	TP-256		
Available application software	ETS 4/5	ETS 4/5		
Permitted wire gauge				
KNX busconnection terminal	0,8mm Ø, solid core	0,8mm Ø, solid core		
Power supply	KNX bus	KNX bus		
Power consumption KNX bus typ.**	< 0,6W	< 0,6W		
Operation temperature range	0 to + 45°C	0 to + 45°C		
Enclosure	IP 20	IP 20		
Dimensions (W x H x D)	86mm x 86mm x 29,2mm	86mm x 86mm x 29,2mm		
Required installation boxes	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.
** Device has to be calculated with two bus loads. No additional power supply required.

Examplary circuit diagram BE-GTxxx.01