

Push-button Smart 86 [BE-TAS86x.02]

Up to 12 functions can be realised with the Push-button Smart 86 on 2 or 3 levels. The large, active colour display is used for function and status indication and can be extensively customised with individual symbols and colours (from ETS5). Particularly frequent functions - such as "light on/off", "blinds up/down" or "dim light"- can be operated almost blindfolded with the "slap function". The Push-button Smart 86 is ideal for controlling individual rooms.

Button functions and levels

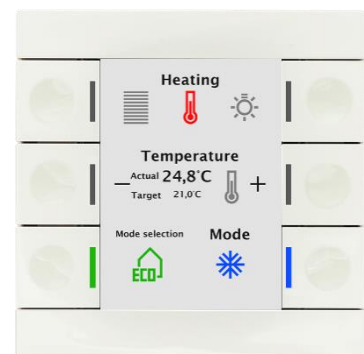
A function can be triggered via a pair of buttons or a single button, thus providing a wide range of operating options.

The button functions include:

- [Switch]
- [Send values]
- [Send values, via short and long key press]
- [Group control with (extra) long button press]
- [Scene]
- [Blind]
- [Dimming]
- [HSV colour control]
- [Colour temperature] (Tunable white)
- [Temperature shift] (BE-TAS86T.02)
- [Mode selection] (BE-TAS86T.02)



BE-TAS86.02



BE-TAS86T.02

The functions can be arranged on up to 3 levels. The levels are switched either via the two upper buttons or via two hidden sensor surfaces on the lower edge of the device.

Mapping function

Using a mapping function, configured button functions can be easily assigned to other buttons. There is no need for time-consuming reprogramming.

Temperature sensor (BE-TAS86T.02)

The Push-button Smart 86 provides the room temperature to the KNX bus. With the [Temperature shift] function and, for example, an MDT heating actuator AKH, the temperature setpoint can be conveniently shifted. With the [Operating mode] function, the Push-button Smart 86 can easily switch the heating actuator between "Comfort", "Night", "Standby" and "Frost protection".

RGB status indicator

Next to the buttons are RGB displays, which can react to internal or external objects and/or to the keystroke. The display behaviour can be set differently for day and night operation. The RGB status can also be displayed during standby. The flashing rhythm of several push-buttons can be synchronised via a master/slave object.

Standby and status display

In standby, up to 6 status elements are displayed in up to 3 lines. These visualise any values of the KNX bus. In addition to the date, the time can be displayed in 24 h or 12 h AM/PM format. Multimedia information such as artist, title or scrolling texts can be output via 14 byte status texts. The standby display can be deactivated via an object.

Slap and cleaning function

The slap function can be used for frequent functions such as switching the main lighting on and off. A short, flat touch with the palm of the hand is sufficient for this. (Slap!) Almost every single-button function can be set as slap function and used as an input of the integrated logic.

By placing the palm of the hand for a longer time, the Push-button Smart 86 is put into cleaning mode. After cleaning, the cleaning function is automatically deactivated again.

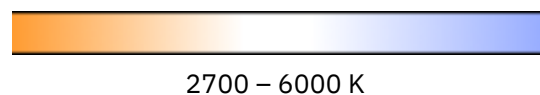
Colour control via HSV

The colour of MDT LED controllers, for example, can be changed via HSV control. [H] changes the hue, [S] the saturation and [V] the brightness value. The corresponding status is shown in the display.



Colour temperature

The colour temperature - for example of the MDT LED Controller - can be changed by single or double button, while the current colour temperature is shown in the display. The upper and lower limits are adjustable.



Logic functions

The push-button offers 4 (AND/OR) logic functions with which nested functions can also be realised. Both internal and external input objects can be used, the send condition and the output type can be set.

Updateable via DCA

If necessary, the Push-button Smart 86 can be updated via the MDT Update Tool (DCA).

Long Frame Support

The MDT Push-button Smart 86 supports "long frames" (longer telegrams). These contain more user data per telegram, which significantly reduces the programming time.