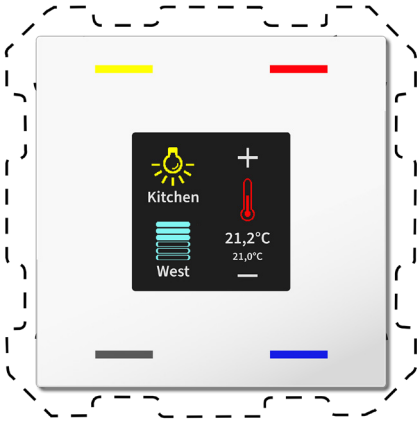
Push-button Smart 60 CH [BE-TAS60(T)4.01]

The MDT Push-button Smart 60 CH with active colour display is available with or without temperature/humidity sensor. The four buttons - with separate status LEDs - can be configured with a variety of functions and can be set individually or in pairs. The status of the functions can be seen directly on the display and the LEDs. The push-button fits into the switch ranges of the following manufacturers, for example:

- Feller

BE-TAS6004.01



BE-TAS60T4.01

Button functions

- Switch, toggle, send status
- Send values
- Send values with short and long button presses
- Innovative group control with an (extra) long button press
- Scene
- Multi-touch function (sends up to 4 values to the same or different objects)
- Toggle (up to 4) values/scenes
- Blind/roller shutter
- Dimming
- HSV colour control
- Colour temperature (Tunable White)
- Temperature shift (BE-TAS60T4.01)
- Operating mode switching (BE-TAS60T4.01)

Active colour display

The brightness of the active colour display can be changed continuously via a 1-byte (%) or 2-byte (lux) object. The display (white text on black background or inverted) is individually adjustable for day and night and the symbols can be changed.

Humidity and temperature sensor (BE-TAS60T4.01)

In addition to the temperature sensor, the devices have a humidity sensor. This allows automatic determination of the dew point temperature and triggering of a dew point alarm.

Status LEDs

The colour and brightness of the 4 status LEDs can be set individually for day and night. The LEDs can react to the button press as well as to internal or external objects with the states “off”, “on” and “flashing”. Each LED can be additionally overridden via an LED lock object and separate 1-bit priority objects.

Standby and status elements

In standby, up to 4 status elements are displayed alternately. These are any values of the KNX bus. In addition to the date and/or time, the values of the internal temperature/humidity sensor (BE-TAS60T4.01), the outside temperature and the dew point temperature can be displayed. Multimedia information such as artist, title or scrolling texts can be displayed via 14-byte status texts. Prioritised (alarm) messages can be activated via 1-bit object (4x) or 14-byte object (1x). The colour of these messages is adjustable and signalling via the LEDs is possible.

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.

Innovative group control

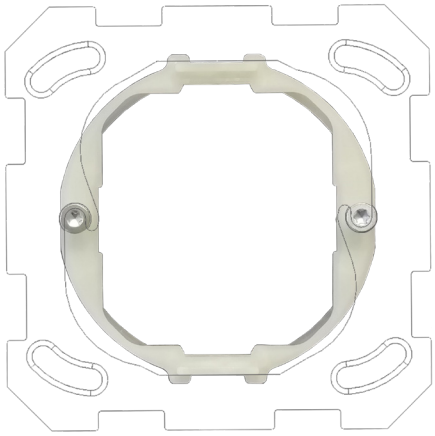
Standard functions can be extended with an extra-long keypress. For example, the blind function in a living room. With the normal short/long keypress, a single blind is operated. With the additional extra-long keypress, for example, all blinds in the living room (group) are operated centrally. The innovative group control can also be used for lighting. For example, a short keypress switches a single light on/off, a long keypress switches all lights in the room, and an extra-long keypress switches the entire floor.

Multi touch function

With the multi touch function, up to 4 different functions can be programmed on a single button. A separate data point type is available for each function so that different actions can be triggered. The following data point types are available: Switch, forced control, percentage value, decimal number, scene number, colour temperature, brightness, temperature and RGB / HSV colour value.

Mounting insert

The mounting insert for installing the Push-button Smart 60 CH in a Feller support ring is included in the scope of delivery.



ZMEFE-CH

Updateable via DCA

If necessary, the Push-button Smart 60 CH can be updated via the MDT Update Tool (DCA). The download is available free of charge at www.mdt.de and www.knx.org.

Long Frame Support

The Push-button Smart 60 CH supports “long frames” (longer telegrams). These contain more user data per telegram, which significantly reduces the programming time with the ETS.