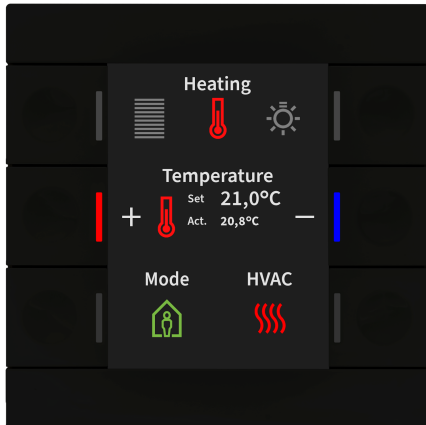


BE-TAS86T06.02

KNX Push Button Smart 86 with colour display and temperature sensor, Black matt finish



Product description:

Each of the six ergonomically designed mechanical buttons of the MDT Push-button Smart 86, have a RGB status LED. Up to 12 individual functions or up to 6 functions as button pairs can be created on up to 3 levels. The active colour display indicates functions, status and displays information. Up to 6 status elements can be displayed in 3 lines. An integrated temperature sensor allows for temperature measurement.

Product functions:

- Large, active colour display for functions- and status indication
- Up to 12 functions on 2 or 3 levels (2 x 6 or 3 x 4 functions)
- Up to 6 functions without level changing
- Mapping function for convenient function allocation
- Slap function with extended function range
- **Innovative group control with long/extra long button press**
- Extended info display with up to 6 values in 3 lines
- The buttons can be configured as pairs or as singular buttons
- **Adjustable symbols and texts for each button/function**
- **Display of status information (1 Bit) and notification (14 Byte)**
- **With temperature sensor to measure room temperature**
- Additional function to set the temperature and operation mode
- Singular and double Push-button operation for switching, dimming, shutters, values
- Short/Long button press with 2 objects
- RGB status LEDs individually adjustable per level
- Display of inside-/outside temperature and time of day
- Display brightness automatically over light sensor and day/night object
- **No additional power supply required**
- Dimensions (H x W): 86 x 86 mm
- Recommended installation height: 1.50 ... 1.60 m (as Central Unit)

Technical data:

Device	Device type	BE Push-button
	Article Number	BE-TAS86T06.02
	EAN / GTIN	4251916113933
	Colour	Black, matt finish
	Display	Active colour display
	Dimensions (H x W x D)	86 x 86 x 29 mm
	Weight, gross (incl. packaging)	0.1 kg
	Protection classification	IP20
	Installation type	Flush mounted
	Included carrying ring	Carrying ring B
	Recommended installation height	1.1 ... 1.25 m ^{*1}
	Installation position	any
	Weight, net	0.087 kg
Operation	Number of buttons	6
	Number of LEDs	6 x RGBW (status)
Inputs	Measuring range for temperature	0 ... 40 °C
Outputs	Orientation light function	Yes
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,6 W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 5 (latest)
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
	Condensation permissible	No
Connections	Temperature sensor	Integrated
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

^{*1} When using the Push-button with set-point adjustment it is recommended to install the product at a height of 1.60 m for better readability of the display.

Wiring diagram:

