

BE-TAS55T4.01

KNX Push Button Smart 55 4 gang, with colour display and T-/H-sensor, Pure White glossy finish



Product description:

The MDT Push-button Smart 55 with active colour display and temperature/humidity sensor, suitable for 55 mm switch ranges from various manufacturers. Four buttons with separately controllable RGBW status LEDs can be assigned a variety of functions and configured individually or in pairs (horizontally or vertically). The status of the functions can be seen directly on the display and the LEDs. The Push-button Smart 55 has 4 integrated logic modules.

Product functions:

- Suitable for 55 mm switch ranges e.g. MDT assortment 55, GIRA Standard 55, E2, Event, Esprit, BERKER S1, B3, B7, JUNG A 500, A PLUS, A CREATION, AS 500, A 550, A FLOW or MERTEN 1M, M-Smart, M-Plan, M-Pure
- **Active colour display for function and status indication**
- **Selectable background colour and brightness of the display (white or black)**
- Display brightness adjustable over brightness- and day/night object
- Display of inside-/outside temperature and time of day
- Multitouch-function, sends up to 4 values on the same or different objects
- **Innovative group control with long/extra long button press**
- Singular and double Push-button operation for switching, dimming, shutters, values
- **Adjustable symbols and texts for each button/function**
- Short/Long button press with 2 objects
- **Temperature sensor to measure the room temperature**
- Additional function to set the temperature and operation mode
- **No additional power supply required**
- Installation in an installation box using the included installation frame
- Recommended installation height: 1.05 ... 1.20 m
- Integrated Bus coupler
- 3 year warranty

Technical data:

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|---------------------------------|---------------------------------------|---------------------------------|
| Device | Device type | BE Push-button |
| | Article Number | BE-TAS55T4.01 |
| | EAN / GTIN | 4251916111229 |
| | Colour | Pure White, glossy finish |
| | Display | Active colour display |
| | Dimensions (H x W x D) | 55 x 55 x 26 mm |
| | Weight, gross (incl. packaging) | 0.074 kg |
| | Protection classification | IP20 |
| | Installation type | Flush mounted |
| | Installation depth in switch box | 12 mm |
| | Included carrying ring | Carrying ring A |
| | Installation position | any |
| | Weight, net | 0.043 kg |
| | Operation | Number of buttons |
| Number of LEDs | | 4 x RGBW (status) |
| Inputs | Measuring range for temperature | 0 ... 40 °C |
| | Measuring range for relative humidity | 0 ... 95 % |
| KNX | Nominal voltage KNX | 30 V DC SELV |
| | Voltage range KNX | 21 ... 31 V DC SELV |
| | Typical power consumption KNX bus | < 0,5 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 |
| | Air humidity (permanent) | 20 ... 80 % |
| | Air humidity (short-term) | 0 ... 95 % |
| | Condensation permissible | No |
| Connections | Temperature sensor | Integrated |
| | KNX connection type | KNX terminal |
| | KNX cable cross section | 0.6 ... 0.8 mm, solid conductor |

Wiring diagram:

