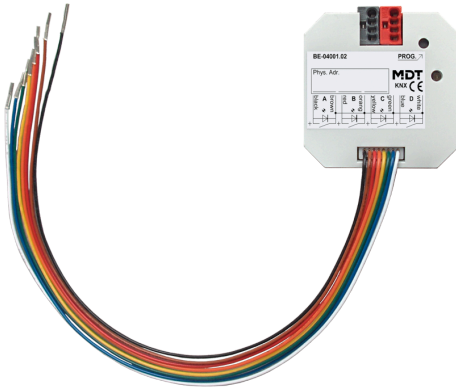


BE-04001.02

KNX Universal Interface 4-channel, flush mounted, Potential free version



Product description:

The MDT Push-button Interface BE, converts, as an example, conventional push-buttons, switches and auxiliary contacts to 'smart' for KNX. The comprehensive application provides the appropriate parameters for different applications. Potential-free version.

Product functions:

- For installation in an installation box, cable length max. 10 m
- To connect **Push-buttons, switches, window contacts**
- Each channel can be set as an output for 1.5 mA low-current LEDs
- Multitouch-function, sends up to 4 values on the same or different objects
- **Innovative group control with long/extra long button press**
- **4 integrated logic modules**, e.g., to evaluate the inputs (closed window or send a second object)
- NO- and NC operation, duration of button press selectable
- Dimmer- and shutter function for singular- and double Push-button operation
- Send of values, forced operation and switch commands are selectable
- Integrated Bus coupler
- Short/Long button press with 2 objects
- Integrated pulse- and switch counter, selectable cyclic sending
- For installation in an installation box (Length of the connection cable 22 cm)
- Dimensions (H x W x D): 41 x 41 x 12 mm

Technical data:

| | | |
|---------------------------------|-----------------------------------|--------------------------------------|
| Device | Device type | BE Push-button interface |
| | Article Number | BE-04001.02 |
| | EAN / GTIN | 4251916110031 |
| | Dimensions (H x W x D) | 41 x 41 x 12 mm |
| | Weight, gross (incl. packaging) | 0.038 kg |
| | Protection classification | IP20 |
| | Installation type | Flush mounted |
| | Installation position | any |
| | Weight, net | 0.018 kg |
| Inputs | Number of binary inputs | 4 |
| | Input voltage | 3.3 V DC internal ^{*1} |
| | Permissible total cable length | 10 m |
| Outputs | Output current | 1 mA LED current per channel |
| KNX | Nominal voltage KNX | 30 V DC SELV |
| | Voltage range KNX | 21 ... 31 V DC SELV |
| | Typical power consumption KNX bus | < 0,25 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 | Connection type | Connection wire 0.25 mm ² |
| | Length of the connection cable | 21 cm |
| | KNX connection type | KNX terminal |
| | KNX cable cross section | 0.6 ... 0.8 mm, solid conductor |

^{*1} Not galvanically isolated from the KNX bus, distance to 230 V cables are to be maintained in accordance with valid standards and regulations. The installation in an installation box in addition to a 230 V cable is not permitted.

Wiring diagram:

