

BE-04024.02

KNX Binary Input 4-channel, 2 SU MDRC, Inputs 24 V AC/DC



Product description:

The MDT Binary Input BE, converts, as an example, conventional push-buttons, switches, window, door and auxiliary contacts to 'smart' for KNX. The comprehensive application provides the appropriate parameters for different applications. Version for 24 V AC/DC.

Product functions:

- To connect **Push-buttons, switches, window contacts**
- 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, contact status send
- Dimmer- and shutter function for singular- and double Push-button operation
- Sending of values, forced operation
- Scenes and blocking object for each channel
- Short/Long button press with 2 objects
- Cyclic sending, sending after reset
- 3 year warranty

Technical data:

| | | |
|---------------------------------|-----------------------------------|---|
| Device | Device type | BE Binary Input |
| | Article Number | BE-04024.02 |
| | EAN / GTIN | 4251916110048 |
| | Installation width | 2 SU / 36 mm |
| | Dimensions (H x W x D) | 90 x 36 x 65 mm |
| | Weight, gross (incl. packaging) | 0.097 kg |
| | Protection classification | IP20 |
| | Installation type | MDRC, DIN rail 35 mm |
| | Installation position | any |
| | Weight, net | 0.078 kg |
| | Inputs | Number of binary inputs |
| Input voltage | | 12 ... 24 V DC / 24 V AC 50/60 Hz ^{*1} |
| Threshold, typical | | 10 V DC / 8 V AC |
| Permissible total cable length | | 100 m |
| KNX | Nominal voltage KNX | 30 V DC SELV |
| | Voltage range KNX | 21 ... 31 V DC SELV |
| | Typical power consumption KNX bus | < 0,3 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 | Screw terminal with slotted head |
| | Conductor cross section 1 x | 0,5 ... 2,5 mm ² |
| | Screw terminal tightening torque | 0.5 Nm |
| | KNX connection type | KNX terminal |
| | KNX cable cross section | 0.6 ... 0.8 mm, solid conductor |

*1 Galvanic isolation to the KNX bus

Wiring diagram:

