

## MDT Universal Interface flush mounted 2-fold/ 4-fold

Version		
BE-02001.01	Universal Interface 2-fold	Flush mounted, for floating contacts, with LED output
BE-04001.01	Universal Interface 4-fold	Flush mounted, for floating contacts, with LED output

The MDT Universal Interface is to be inserted in a wiring box or behind a push button or switch. The inputs react depending on their programmed parameters and send a telegram on the bus. You can connect conventional push-buttons or auxiliary contacts (e.g. door and window contacts) to the device. The length of connection cables is 22cm. Each input can be set as a LED output and drive a low current LED.

The Universal Interfaces include four integrated logical modules to implement logical operations and logical control. These logical modules interpret all the inputs plus two external objects. So you can easily create KNX/EIB telegrams which are required in daily practice (e.g. fault telegrams or „all windows closed“).

Each input is parameterized individually via ETS3/4. The device provides extensive functions like switching of lighting, operation of blinds and shutters, counting of pulses, debounce time, contact typ and telegram rate limitation. The command for rising and falling edge can be defined independently and with the block communication object each channel can be blocked or released. The logic module can release two telegrams after receiving a trigger signal from the inputs.

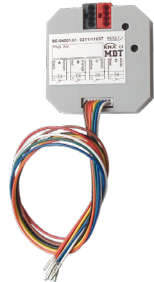
The Universal Interface is a flush mounted device to be inserted in a wiring box or behind a push button or switch. It has to be installed in dry rooms.

For project design and commissioning of the Universal Interface it is recommended to use the ETS3f/ETS4 or later. Please download the application software at [www.mdt.de/downloads](http://www.mdt.de/downloads).

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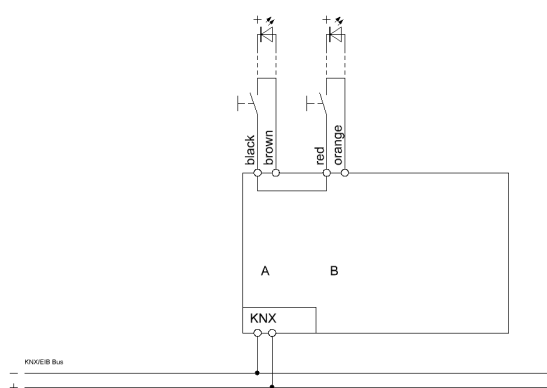
BE-04001.01



- production in Germany, certified according to ISO 9001
- modern design
- fully compatible to all KNX/EIB devices
- To connect conventional push-buttons or auxiliary contacts
- 4 integrated logical modules, sending od scenes
- Telegram rate limitation
- NO or NC contact operation, programmable length of button push
- Operation of blinds and shutters, 1 and 2 button operation
- Forced setting function for each output
- Operation with short/long button push and 2 objects
- Cyclical sending of contact state programmable
- counting of pulses
- Each output can be set as 1,5mA output for low current LED
- Flush mounted (length of connection cables: 22cm)
- Dimensions (W x H x D): 41mm x 41mm x 12mm
- Integrated bus coupling unit
- 3 years warranty

Electrical Data	BE-04000.01	BE-02000.01
Configuration		
Number of Inputs	4	2
Power Supply		
Supply voltage	via Bus	via Bus
Power consumption	<0,3W	<0,3W
Permitted wire gauge		
KNX busconnection terminal	0,8mm <sup>2</sup>	0,8mm <sup>2</sup>
Permitted input cable length	5m	5m
Operation temperature range	0 to + 45°C	0 to + 45°C
Enclosure	IP 20	IP 20
Dimensions UP	41mm x 41mm x 12mm	41mm x 41mm x 12mm

Exemplary circuit diagram BE-02001.01



Exemplary circuit diagram BE-04001.01

