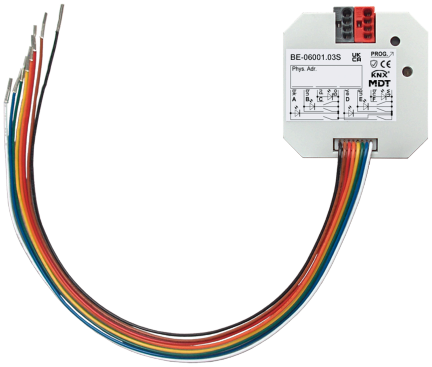
Product data sheet

BE-06001.03S

KNX Universal Interface 6-channel, flush mounted, Potential free version, Secure



Product description:

The MDT Push-button Interface 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:

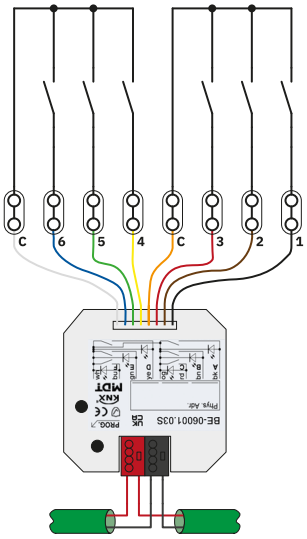
- **KNX Data Secure**
- **Virtual interface in the ETS**
- For installation in an installation box, cable length max. 10 m
- To connect **Push-buttons, switches, window contacts**
- Each channel can be set as an output for 2 mA low-current LEDs
- Multitouch-function, sends up to 4 values on the same 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-06001.03S
	EAN / GTIN	4251916116972
	Dimensions (H x W x D)	41 x 41 x 12 mm
	Weight, gross (incl. packaging)	0.039 kg
	Protection classification	IP20
	Installation type	Flush mounted
	Installation position	any
	Weight, net	0.019 kg
Inputs	Number of binary inputs	6
	Input voltage	3.3 V DC internal *1
	Permissible total cable length	10 m
Outputs	Output current	2 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)
	KNX Secure	KNX Data Secure
Environmental conditions	Ambient operating temperature	0 … 45 °C
	Storage	-20 … +55 °C
	Humidity	< 95 %
	Condensation permissible	No
Connections	Connection type	Connection wire 0.25 mm²
	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:



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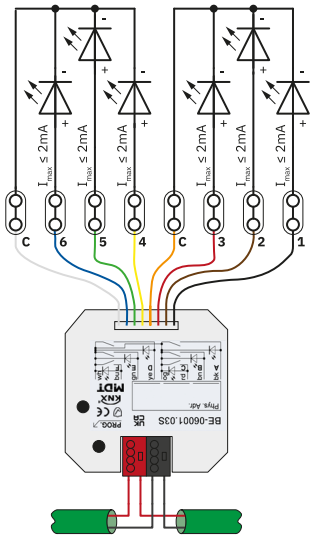

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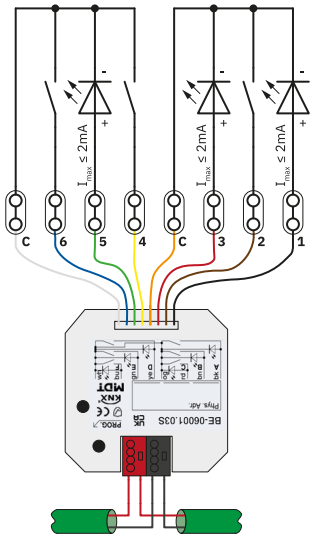

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