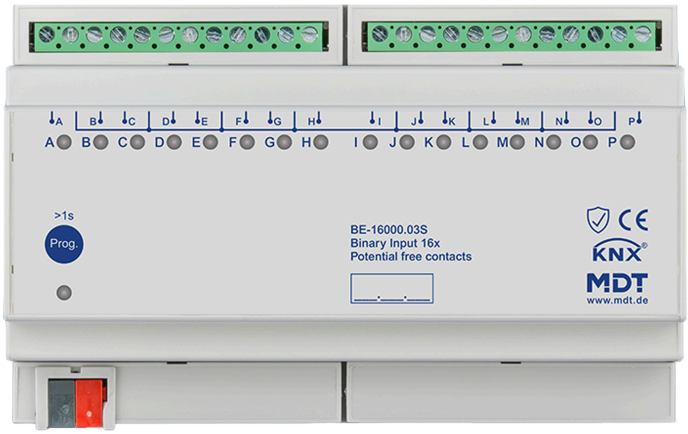
Product data sheet

BE-16000.03S

KNX Binary Input 16-channel, 8 SU MDRC, Potential free version, Secure



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 potential-free contacts. KNX Data Secure

Product functions:

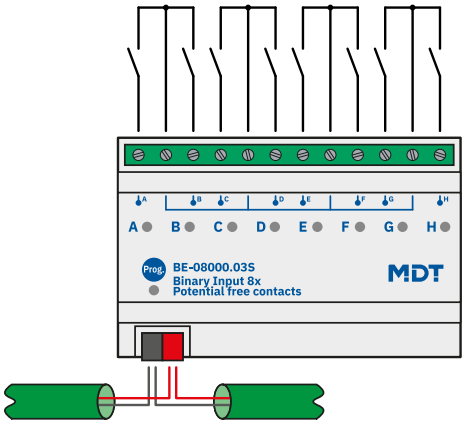
- **KNX Data Secure**
- To connect **Push-buttons, switches, window contacts**
- **Virtual interface in the ETS**
- Multitouch-function, sends up to 4 values on the same or different objects
- **Intelligent one-button dimming**
- **Innovative group control with long/extra long button press**
- **4 integrated logic modules**, e.g., to evaluate the inputs (closed window or send a second object)
- **Evaluation of rising and falling edges**
- 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
- **Pulse and switch counter with extensive counter functions (suitable for 30 ms S0 pulse, e.g Eltako DSZ)**
- Cyclic sending, sending after reset
- Internally generated 12 V contact voltage

Technical data:

Device	Device type	BE Binary Input
	Article Number	BE-16000.03S
	EAN / GTIN	4251916114732
	Installation width	8 SU / 144 mm
	Dimensions (H x W x D)	90 x 144 x 65 mm
	Weight, gross (incl. packaging)	0.282 kg
	Protection classification	IP20
	Installation type	MDRC, DIN rail 35 mm
	Installation position	any
	Weight, net	0.242 kg
Inputs	Number of binary inputs	16
	Input voltage	For potential-free contacts (12 V internally generated) *1
	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)
	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	Screw terminal with slotted head
	Conductor cross section 1 x	0,5 … 2,5 mm²
	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:



Technical modifications and corrections may be made without notice. Images may differ.