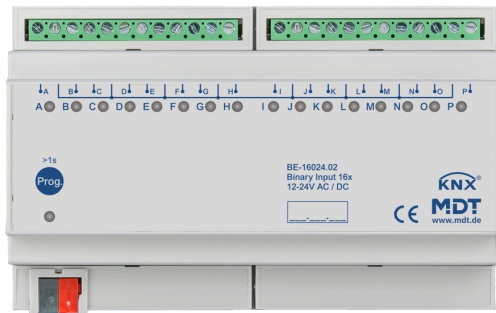


BE-16024.02

KNX Binary Input 16-channel, 8 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-16024.02
	EAN / GTIN	4251916110116
	Installation width	8 SU / 144 mm
	Dimensions (H x W x D)	90 x 144 x 65 mm
	Weight, gross (incl. packaging)	0.283 kg
	Protection classification	IP20
	Installation type	MDRC, DIN rail 35 mm
	Installation position	any
	Weight, net	0.243 kg
Inputs	Number of binary inputs	16
	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:

