# BMG 6 T KNX

Item no.: 4930230

**theben**
energy saving comfort

## Home and Building control
## KNX

## Description

- 6-way binary input MIX2
- Base module MIX2
- Can be upgraded to maximum of 18 channels
- 6 floating universal and wide-range voltage inputs (10-240 V AC/DC or internally generated auxiliary voltage of approx. 12 V DC)
- 2 additional channels operable by buttons on the device, but without input
- Up to two extension modules MIX or MIX2 can be connected to one base module
- Device and KNX bus module can be swapped independently of each other
- Removable KNX bus module enables devices to be changed without reprogramming
- Manual set-up and use of actuator is possible without KNX bus module
- LED switching status display for each channel
- Manual operation on device (even without bus connection)
- Manual operation per channel for simulating the input states
- All inputs can be operated with different voltages and at different potentials
- Connectable cable length up to 100 m
- Free allocation of functions: switch/push button, dimming, blinds/roller blinds, counter, repeat telegram, sequences



## Technical data

| | BMG 6 T KNX |
|---|---|
| Operating voltage KNX | Bus voltage, ≤4 mA |
| Operating voltage | 110 − 240 V AC 50 − 60 Hz |
| Frequency | 50 − 60 Hz |
| Stand-by consumption | ~0.3 W |
| Width | 4 modules |
| Installation type | DIN rail |
| Type of connection | KNX bus terminal |
| Max. cable cross section | Solid wire: 0.5 mm² (Ø 0.8) to 4 mm² \| Stranded wire with end sleeve: 0.5 mm² to 2.5 mm² |
| Voltage inputs | 10 V DC − 240 V AC 2 mA |

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|---|---|
| Max. cable length | 100 m |
| Output | 12 V DC/18 mA, no SELV |
| Display | 6 LEDs zur Anzeige des Zustandes am Eingang |
| Suitable for SELV | Yes, if all inputs are connected with SELV |
| Ambient temperature | −5°C ... 45°C |
| Type of protection | IP 20 |
| Protection class | II according to EN 60 730-1 |

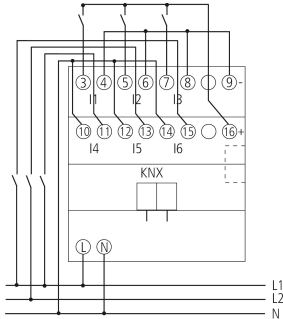Subject to technical changes and misprints

additional information at: www.theben.de/product/4930230

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

20/07/2020

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## Connection example



## Scale drawings