RMG 8 T KNX

Item no.: 4930200

theben
energy saving comfort

Home and Building control
KNX

Description

- 8-way switching or 4-way blind actuator MIX2
- Base module MIX2
- Can be upgraded to maximum of 24 channels
- Flexible channel function selection as switching actuator or for controlling drives for blinds, shutters, sun and vision protection devices, skylights and ventilation flaps
- 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)

Technical data

	RMG 8 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
Capacity loss max.	6.4 W
Installation type	DIN rail
Width	4 modules
Type of connection	Terminal screws | Bus 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
Number of channels	8
Type of contact	NO contact, 16 A, 3 A

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Opening width	< 3 mm
Incandescent/halogen lamp load	2000 W
Fluorescent lamp load (conventional) parallel-corrected	1300 W (140 µF)
Fluorescent lamp load (conventional) not corrected	2000 VA
Fluorescent lamp load (electronic ballast)	1200 W
Energy saving lamps	300 W
LED lamp < 2 W	55 W
LED lamp 2-8 W	600 W
LED lamp > 8 W	600 W
Inrush current	max. 800 A / 200 µs
Voltage output	240 V AC

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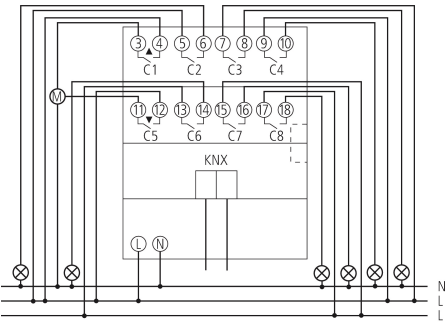
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Technical data

	RMG 8 T KNX
Switching output	Potential-free
Switching of various phases	Possible
Suitable for SELV	Yes if all channels switch at SELV
C load	–

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Type	Base module
Ambient temperature	–5°C … 45°C
Type of protection	IP 20
Protection class	II according to EN 60 669

Connection example

Subject to technical changes and misprints

additional information at: www.theben.de/product/4930200
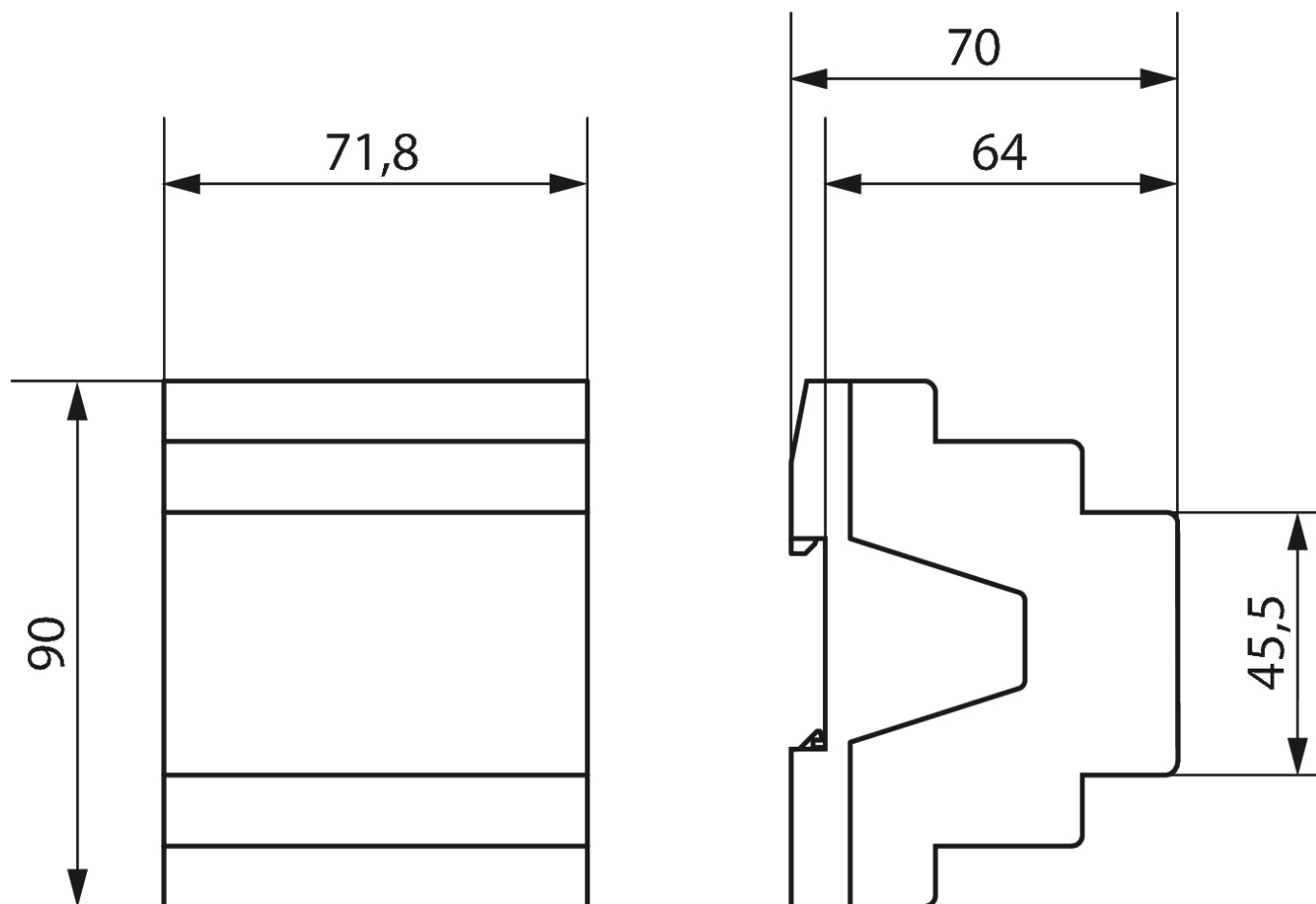
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large
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Scale drawings

71,8

90

70

64

45,5

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