

RMG 4 I KNX

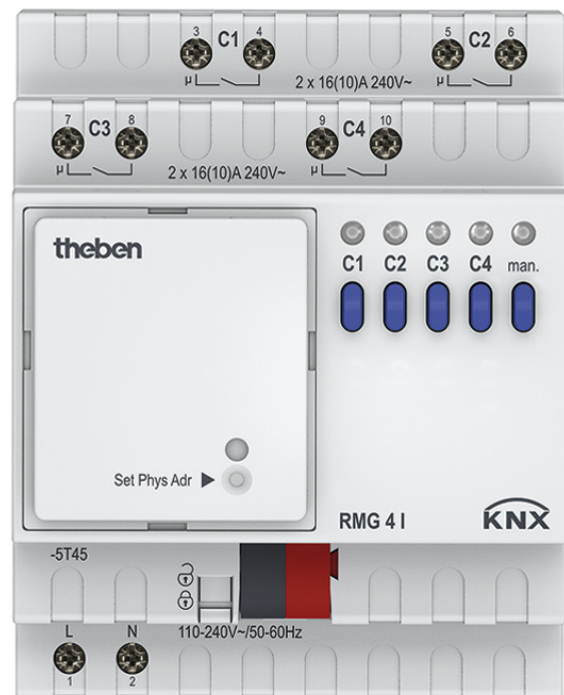
Item no.: 4930210

theben
energy saving comfort

Home and Building control
KNX

Description

- 4-way C load switching actuator MIX2
- With current recognition
- For higher lamp loads
- Base module MIX2
- Can be upgraded to maximum of 12 channels
- 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 switching actuators is possible without KNX bus module
- LED switching status display for each channel
- Manual operation on device (even without bus connection)
- Adjustable characteristics: e.g. switching, delayed switching, pulse function
- Links, type of contact (NC contact/NO contact) and participation in central commands such as continuous On, continuous Off, central switching and save/call up scene
- Switching functions: On/Off, pulse, On/Off delay, staircase light with warning
- Logical links: e.g. lock, AND, release, OR



Technical data

RMG 4 I KNX	
Operating voltage KNX	Bus voltage, ≤ 4 mA
Operating voltage	110 – 240 V AC 50 – 60 Hz
Frequency	50 – 60 Hz
Stand-by consumption	~ 1.3 W
Capacity loss max.	2.4 W
Installation type	DIN rail
Width	4 modules
Type of connection	KNX bus terminal
Max. cable cross section	Solid wire: 0.5 mm ² (Ø 0.8) to 4 mm ² Stranded wire with end sleeve: 0.5 mm ² to 2.5 mm ²
Number of channels	4
Type of contact	NO contact, 16 A, 10 A
Opening width	< 3 mm
Resistive load	3680 W
Capacitive load	200 μ F

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Incandescent/halogen lamp load	2600 W
Fluorescent lamp load (conventional) parallel-corrected	2000 W (200 μ F)
Fluorescent lamp load (electronic ballast)	1650 W
Energy saving lamps	410 W
LED lamp < 2 W	75 W
LED lamp 2-8 W	850 W
LED lamp > 8 W	850 W
Inrush current	max. 1500 A / 200 μ s
Voltage output	240 V AC
Switching output	Potential-free
Switching of various phases	Possible
Suitable for SELV	Yes if all channels switch at SELV
Accuracy current measurement	$I > 1$ A: ± 8 % of measured value; $I < 1$ A: ± 100 mA; lowest measurable value: 150 mA

Subject to technical changes and misprints

additional information at: www.theben.de/product/4930210

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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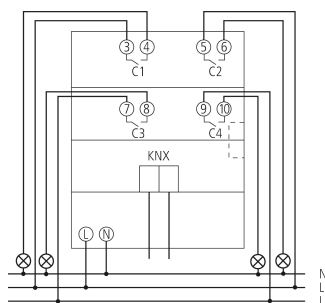
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Technical data

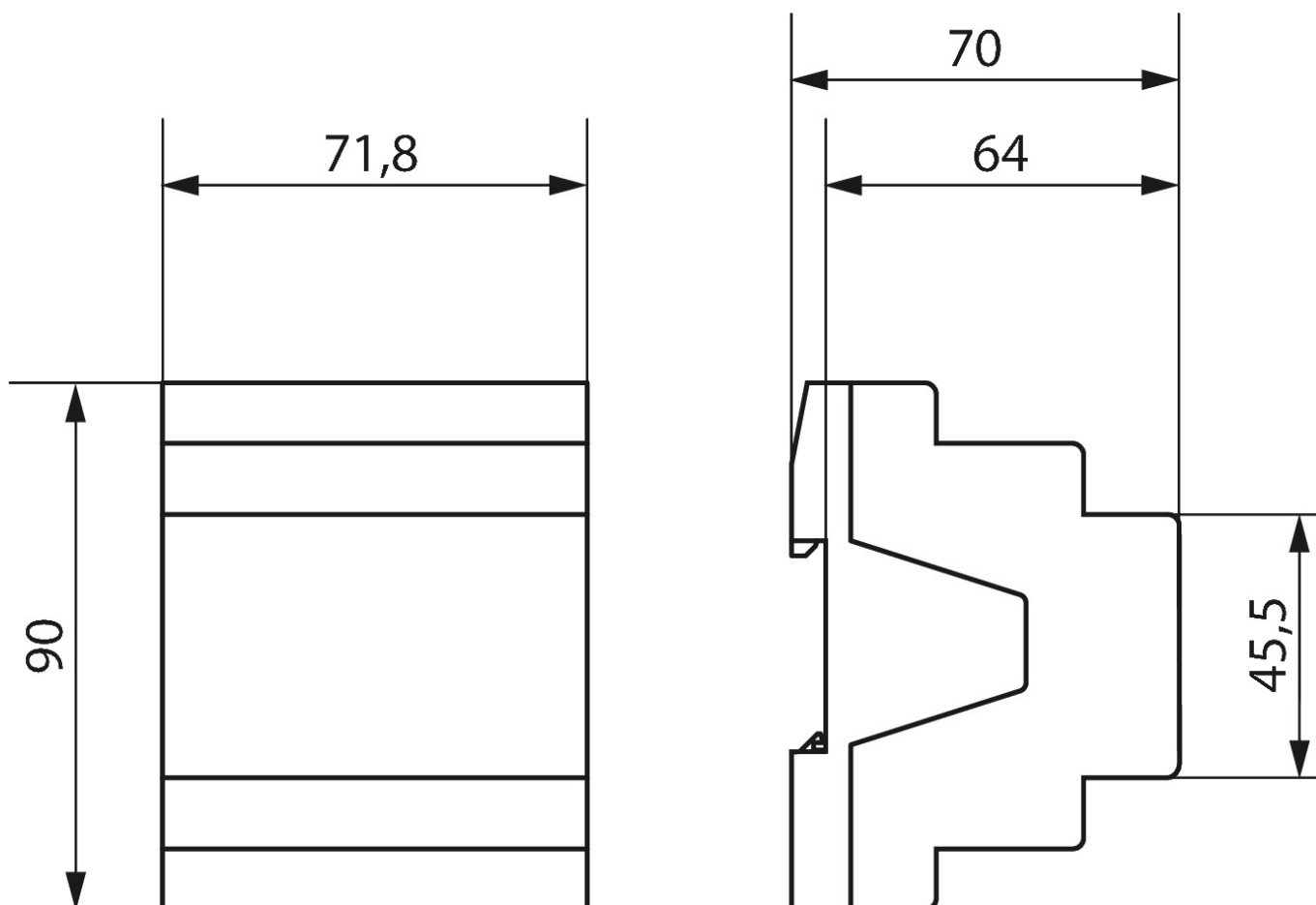
	RMG 4 I KNX
C load	✓
Type	Base module
Ambient temperature	-5°C ... 45°C

	RMG 4 I KNX
Type of protection	IP 20
Protection class	II according to EN 60 669

Connection example



Scale drawings



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