HMG 6 T KNX

Item no.: 4930240

theben
energy saving comfort

Home and Building control
KNX

Description

- 6-way heating actuator MIX2
- With 6 temperature controllers (P/PI) for heating and cooling
- Base module MIX2
- Can be upgraded to maximum of 18 channels
- For controlling thermal actuators 24 V - 240 V AC in 2 groups with 3 outputs and 450 mA each
- (Due to the switch-on behaviour of the actuators, we recommend not to exceed a maximum load of 3x1 actuators 24 V AC or 3x5 actuators 230 V AC)
- Short-circuit-proof and overcharge protected
- Continuous or switching actuating value selectable
- Valve protection function can be deactivated
- With the modes: comfort, standby, night as well as frost/heating protection
- Changeover to summer mode possible
- 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

	HMG 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
Capacity loss max.	1.1 W
Width	4 modules
Installation type	DIN rail
Number of channels	6
Type of connection	Terminal screws | Bus connection: KNX bus terminal

	HMG 6 T KNX
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
Switching output	Not potential-free
Output	Triac, 0.45 A
Voltage output	24 V AC - − 240 V AC
Frequency output	50 − 60 Hz
Suitable for SELV	Yes if all channels switch at SELV
Switching of various phases	Possible
Ambient temperature	-5°C ... 45°C
Type of protection	IP 20
Protection class	II according to EN 60 669

Subject to technical changes and misprints

additional information at: www.theben.de/product/4930240

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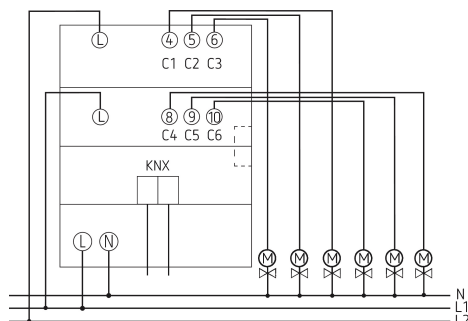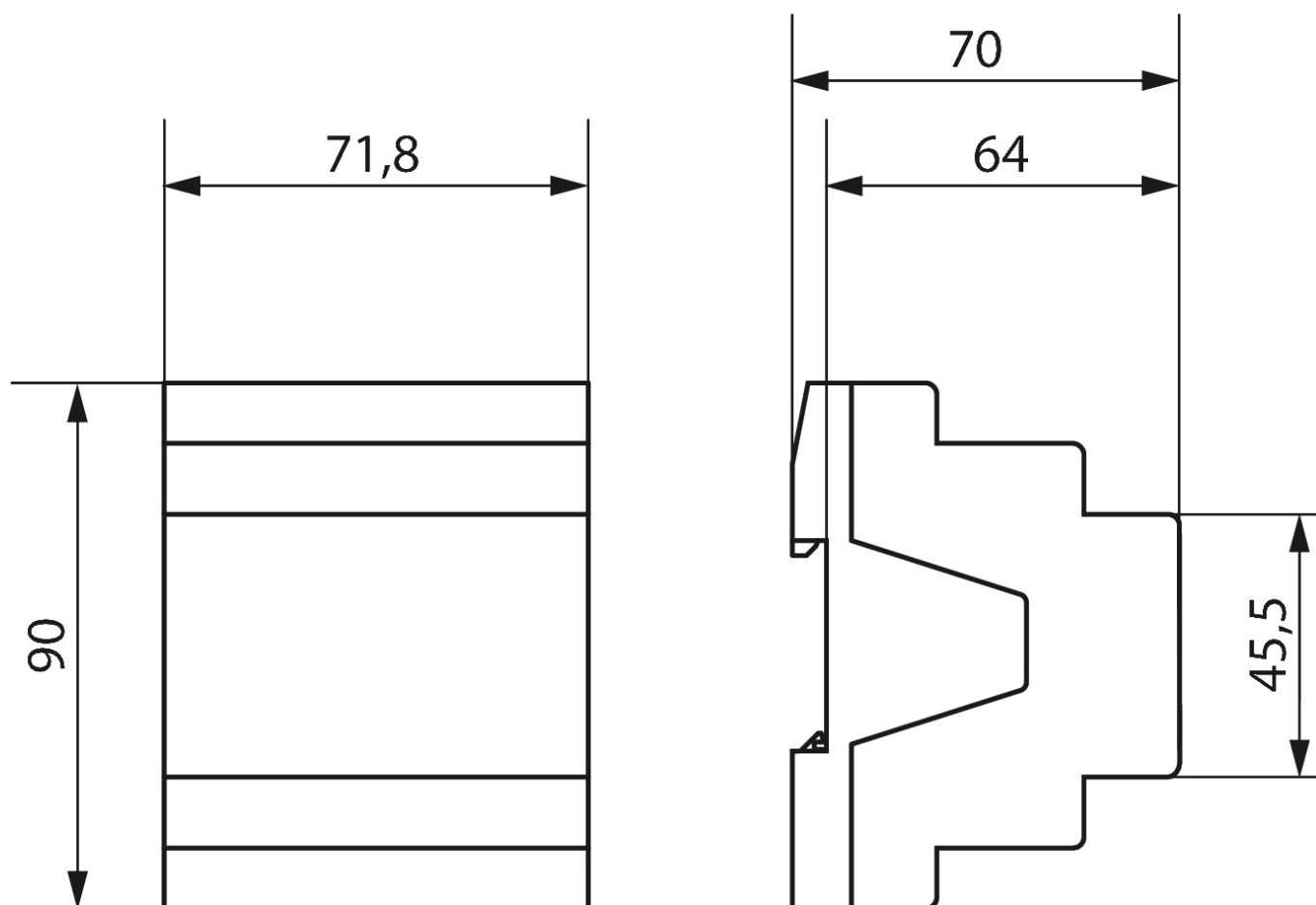
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Connection example

Scale drawings

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Accessories

Actuator ALPHA 5 230 V
Item no.: 9070441

Actuator ALPHA 5 24 V
Item no.: 9070442

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