

# HM 12 T KNX

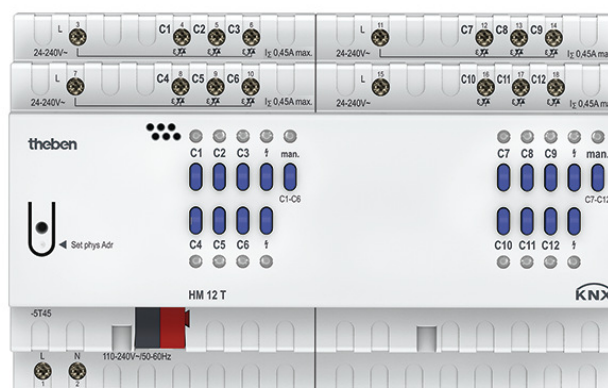
Item no.: 4940245

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Home and Building control  
KNX

## Description

- 12-way heating actuator FIX2
- With temperature controllers (P/PI) for heating and cooling
- For controlling 12 thermal actuators 24 V - 240 V AC in 4 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
- LED switching status display for each channel
- Manual operation on device (even without bus connection)

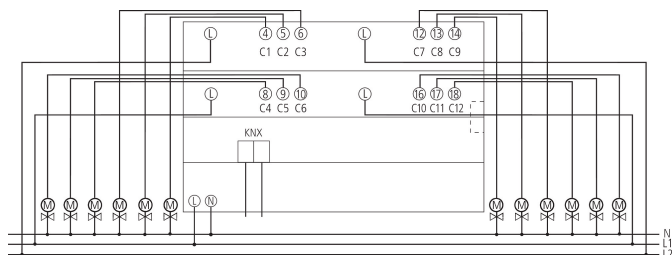


## Technical data

HM 12 T KNX	
Operating voltage KNX	Bus voltage, ≤12 mA
Operating voltage	110 – 240 V AC 50 – 60 Hz
Frequency	50 – 60 Hz
Stand-by consumption	~0.5 W
Width	8 modules
Installation type	DIN rail
Number of channels	12
Type of connection	Terminal screws   Bus connection: KNX bus terminal
Max. cable cross section	Solid wire: 0.5 mm <sup>2</sup> (Ø 0.8) to 6 mm <sup>2</sup>   Stranded wire with end sleeve: 0.5 mm <sup>2</sup> to 4 mm <sup>2</sup>

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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

## Connection example



Subject to technical changes and misprints

additional information at: [www.theben.de/product/4940245](http://www.theben.de/product/4940245)

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

03/06/2023

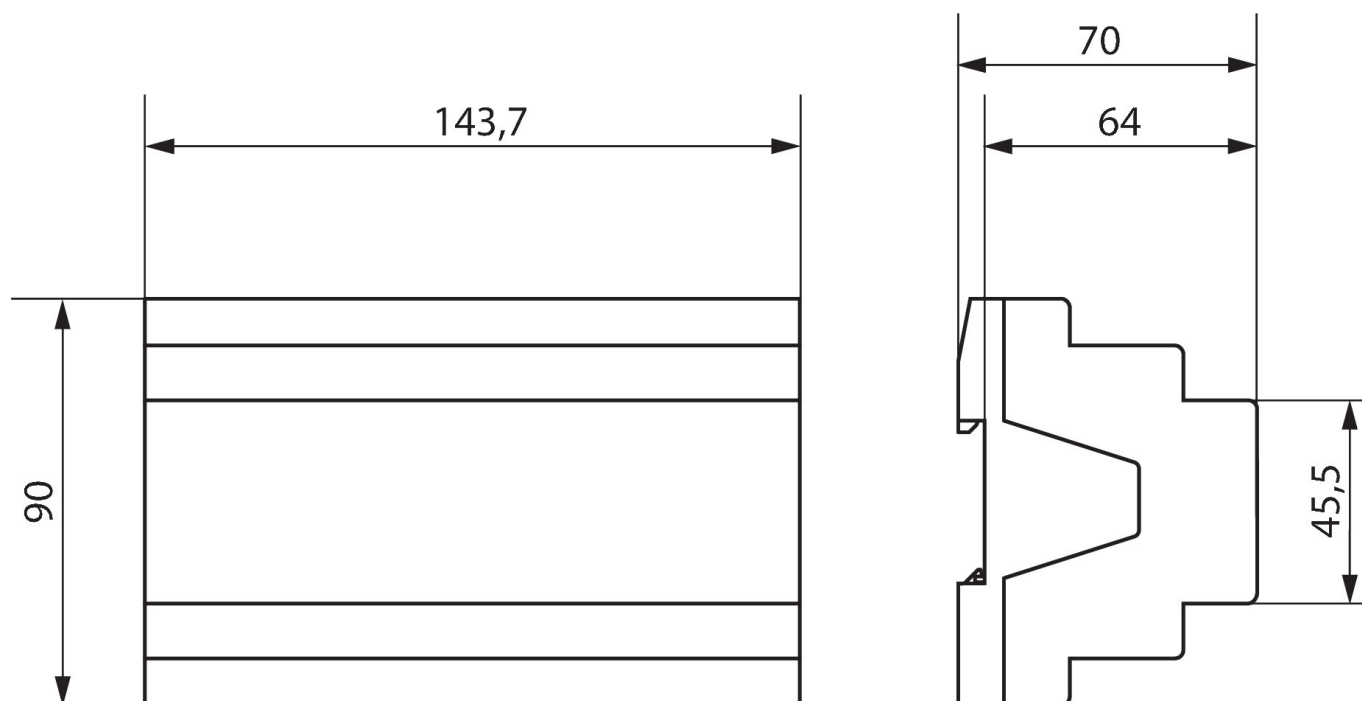
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## Scale drawings



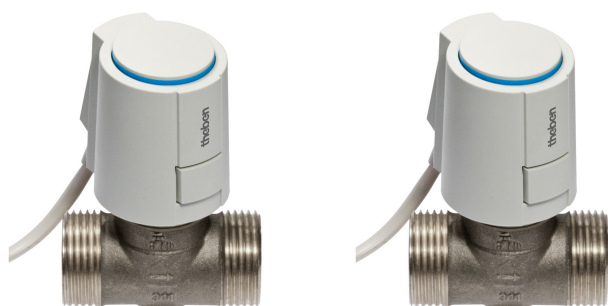
## Accessories

Actuator ALPHA 5 230 V

Item no.: 9070441

Actuator ALPHA 5 24 V

Item no.: 9070442



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