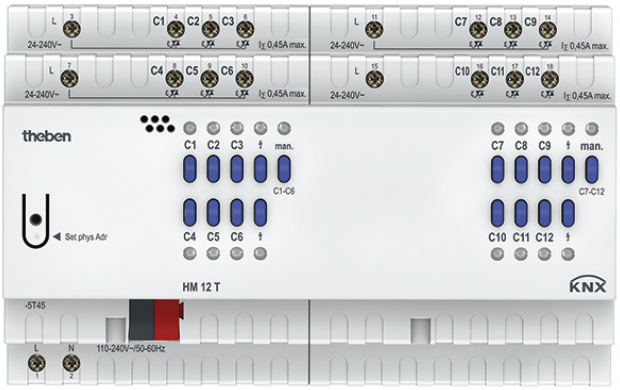
HM 12 T KNX

Item no.: 4940245

KNX
HVAC controller

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)

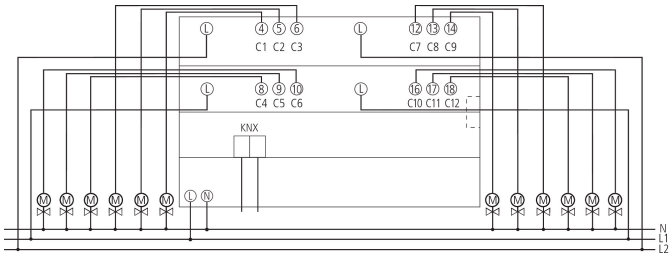


Technical data

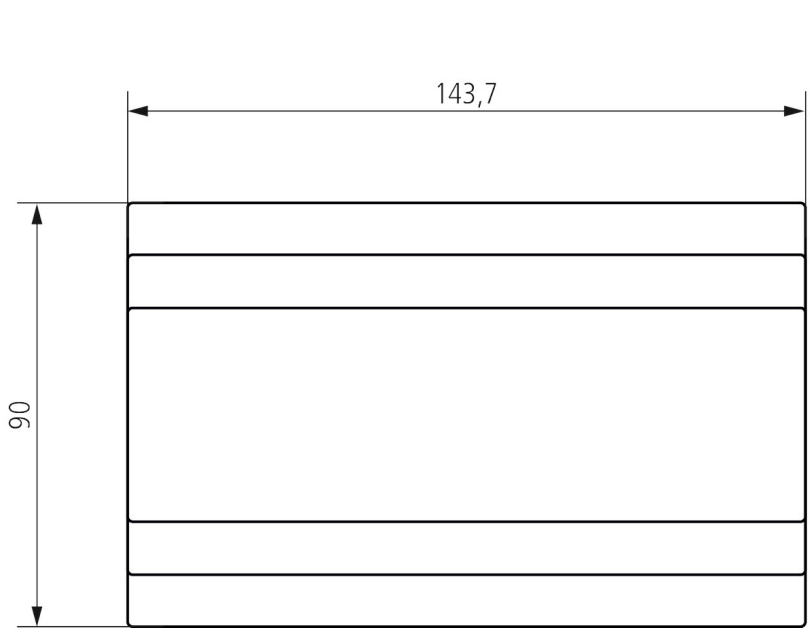
	HM 12 T KNX
Operating voltage KNX	Bus voltage, ≤12 mA
Operating voltage	110 V AC - 240 V AC, 50 Hz - 60 Hz
Frequency	50 - 60 Hz
Stand-by consumption	~0.5 W
Width	8 modules
Installation type	DIN rail
Number of channels	12
Type of connection	Terminal screws | Bus connection: KNX bus terminal
Max. cable cross section	Solid wire: 0.5 mm² (Ø 0.8) to 6 mm² | Stranded wire with end sleeve: 0.5 mm² to 4 mm²

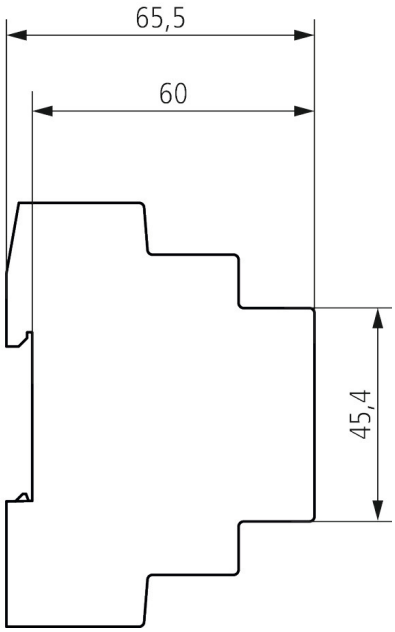
	HM 12 T KNX
Switching output	Not potential-free
Output	Triac, 0.45 A
Voltage output	24 V AC - 240 V AC
Frequency output	50 - 60 Hz
Suitable for SELV	Yes if all channels switch at SELV
Switching of various phases	Possible
Ambient temperature	-5°C ... 45°C
Type of protection	IP 20
Protection class	II according to EN 60 669

Wiring Diagrams



Scale Drawings





Accessories

Actuator ALPHA 5 230 V
Item no.: 9070441



Actuator ALPHA 5 24 V
Item no.: 9070442

