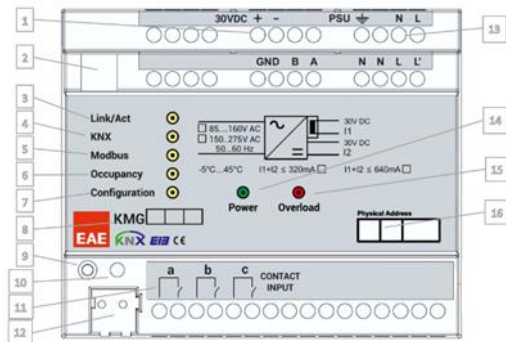


## General Description

- EAE KMG103 can be used to control and monitor KNX installations via SCADA visualization software.
- IP address of device can be given by DHCP server or by manual configuration.
- EAE KMG103 includes patent-pending logic controller that enables room energy saver system without using card holder.
- Device has 3 physical inputs for door, window and presence sensing.
- EAE KMG103 has built-in two models which are 320mA or 640 mA KNX bus power supply for KNX devices.
- KNX Power supply output is short-circuit and overload protected.
- Power, overload and reset statuses are indicated with three different LED indicators.
- Power supply can be restarted by pressing reset button on the device.

## Device Peripherals



No	Function	No	Function
1	KNX Auxiliary Output - 30V	10	Reset / Factory Reset Button
2	CAT6 Modbus TCP/IP Connection	11	Dry Contact Inputs ( a, b, c )
3	Ethernet Connection/Transmission LED	12	KNX Connection Terminal
4	KNX Connection/Transmission LED	13	Power Supply Input
5	Modbus Connection/Transmission LED	14	Power LED
6	Occupancy State LED	15	Overload LED
7	PC Configurator Software Connection LED	16	Physical address label
8	Model Name Label		
9	Reset LED		

## Operating LEDs

### Link/Act

It turns on steady when there is an Ethernet connection and flashes during data transfer.

### KNX LED

During the initial reading of all KNX group objects, it flashes periodically. It then lights up constantly. Flashes during KNX communication.

### Modbus LED

Steady when a Modbus client is connected to the device. It flashes periodically during Modbus communication. It turns off when the Modbus client connection is lost.

### Occupancy LED

Indicates the Room Presence status.

When KMG103 determines that the room is occupied, LED turns on steadily. When KMG103 determines that the room is empty, LED turns off.

### Configuration LED

Steady when a client is connected to the configuration server.

It turns off when the client disconnected from configuration server.

It flashes periodically while communicating with the configuration server.

## Cleaning

If device becomes dirty, only a dry cloth can be used for cleaning. It is not suitable to use wet cloths, caustics and solvents.

## Commissioning

Device can be programmed by KMG Configurator Software only. Software can be downloaded in our website.

## Technical Data

<b>Type of protection</b>	IP 20	EN 60 529
<b>Safety class</b>	II	EN 61 140
<b>Over voltage category</b>	III	EN 60 664-1
<b>Pollution degree</b>	2	EN 60 664-1
<b>Main supply</b>	Input voltage	150-275V AC, 50-60Hz
	Power consumption	7 W
<b>Output</b>	KNX BUS	30 VDC +1/-2 V, (choke)
	KNX AUX	30 VDC
	BUS + AUX Total Current	640 mA / 320mA
	Short-circuit current	0.5 A
<b>Connections</b>	IP Line	RJ45 socket for 10/100BaseT
	KNX Line	Bus connection terminal
<b>Display elements</b>	Link/Act	Ethernet Connection
	KNX	KNX Connection
	Modbus	Modbus Connection
	Occupancy	Occupancy Status
	Configuration	Conf. Software Connection St.
<b>Operating elements</b>	Reset Button	(for KNX Line reset)
<b>Installation</b>	35mm DIN rail mount	EN 60 715 TH 35-75
<b>Temperature range</b>	Operation	-5° C + 45° C
	Storage	-20° C + 60° C
<b>Humidity</b>		Max. 93 % non condense
<b>Dimensions</b>	h x W x L	66 mm x W x 90 mm
	Width W in mm	108 mm
	Width W in units 18 mm	6 modules
<b>Box</b>	Plastic PA66 housing	grey
<b>CE</b>	in accordance with EMC and low voltage guidelines Device complies with, EN 50090-2-2, IEC 60664-1	

## Technical Drawings

