

EAE KNX PSU & KNX-Modbus TCP Gateway & KNX IP Interface & Energy Saver Without Card Holder



Product Order Numbers

48192	KMG (KNX Modbus Gateway) 220V 640mA	48198	KMG (KNX Modbus Gateway) 220V 320mA
48193	KMG (KNX Modbus Gateway) 110V 640mA	48185	KMG (KNX Modbus Gateway) 110V 320mA

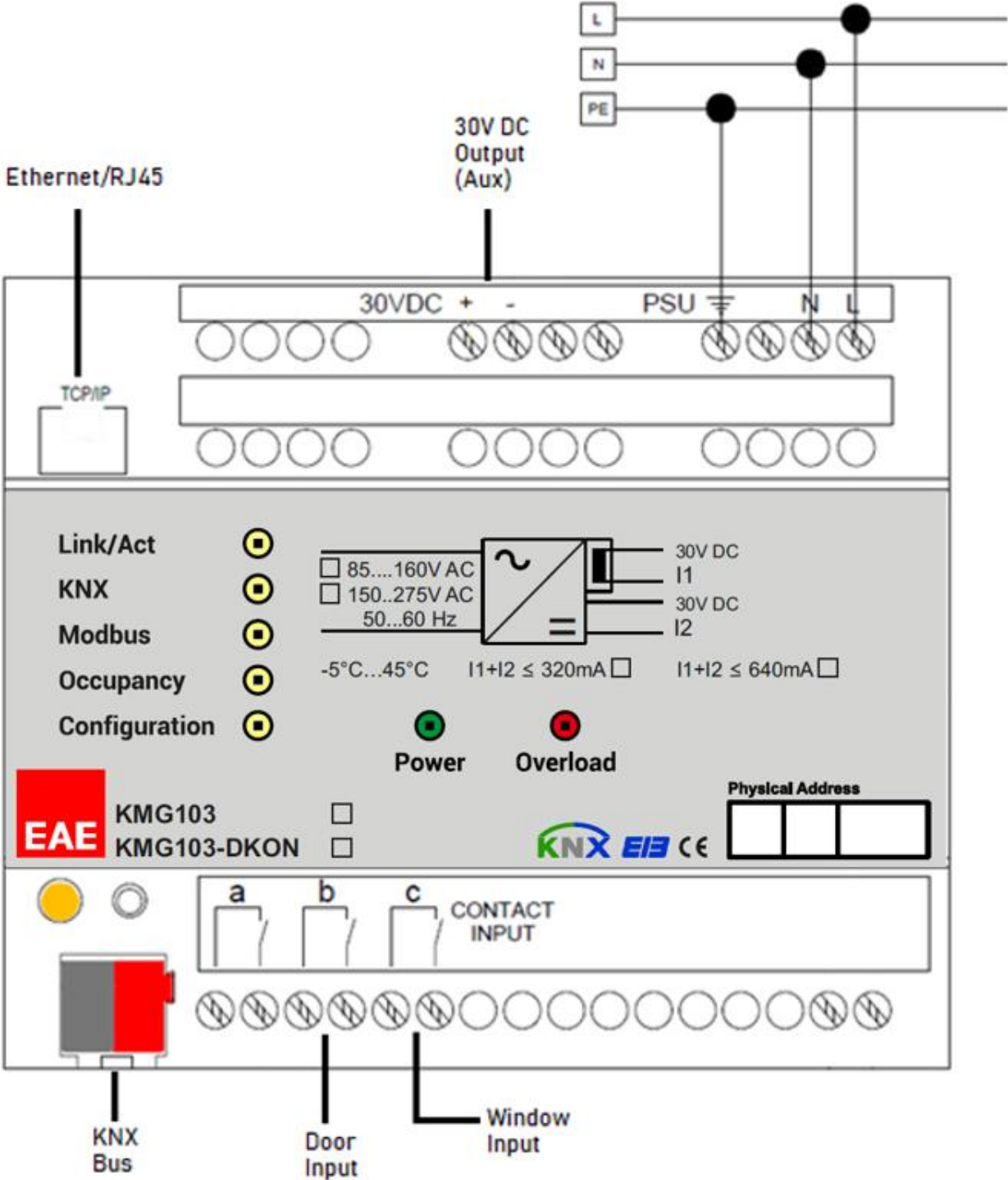
General Description

- 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 features a KNX IP interface that supports up to 4 simultaneous KNXnet/IP tunneling connections.
- EAE KMG103 includes patent-pending logic controller that enables room energy saver system without using card holder.
- The device has 2 physical inputs for door and window 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.

Technical Data

Type of protection	IP 20	EN 60 529
Safety class	II	EN 61 140
Over voltage category	III	EN 60 664-1
Pollution degree	2	EN 60 664-1
Main supply	Input voltage (220 V)	150-275V AC, 50-60Hz
	Input voltage (110 V)	85-160V AC, 50-60Hz
	Power consumption	7 W
Output	KNX BUS	30 VDC +1/-2 V, (choke)
	KNX AUX	30 VDC
	BUS + AUX Total Current	640 mA / 320mA
	Short-circuit current for PSU320	1 A
Connections	Short-circuit current for PSU640	1.5 A
	IP Line	RJ45 socket for 10/100BaseT
	KNX Line	Bus connection terminal
Display elements	Link/Act	Ethernet Connection
	KNX	KNX Connection
	Modbus	Modbus Connection
	Occupancy	Occupancy Status
	Configuration	Configuration Software Connection Status
	Power	Led on green if there is mains voltage(110V or 220V AC)
Operating elements	Overload	Led on red if the current output(KNX + AUX) is above 320 or 640 mA
	Reset Button – for KNX Line reset	
Installation	35mm DIN rail mount	EN 60 715 TH 35-75
Temperature range	Operation	-5° C + 45° C
	Storage	-20° C + 60° C
Humidity		Max. 93 % non-condensing
Dimensions	h x W x L	66 mm x W x 90 mm
	Width W in mm	108 mm
	Width W in units (18 mm modules)	6 modules
Box	Plastic PA66 housing grey	
CE	in accordance with EMC and low voltage guidelines	
	Device complies with, EN 50090-2-2, IEC 60664-1	

Connection Example



Technical Drawing

