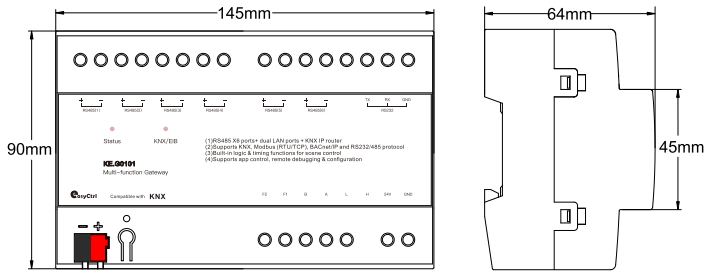
KNX Multi Function Gateway

Datasheet

KE.G0101

Dimension



Function

(1) Support remote debugging and configuration;

(2) Support Modbus master-slave control;

(3) KNX IP ROUTER function;

(4) Multiple independent serial communication interfaces;

(5) APP control: supports LAN and remote control;

(6) Loop function: supports cyclic sending and detection of equipment online;

(7) Logic function: built-in logic control, supports multiple logic operations;

(8) Bus transceiver: supports setting node information and comparing time, customizing scenes;

(9) Timing function: supports time, sunrise and sunset, holidays and longitude and latitude control;

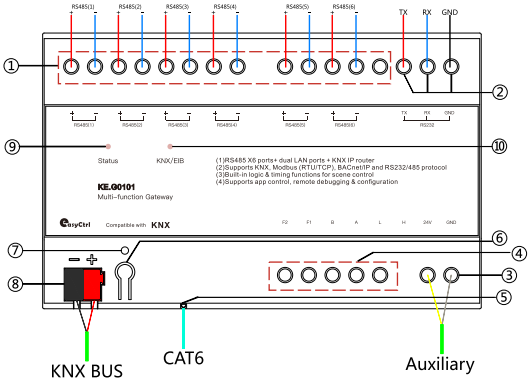
(10) KNX system can be integrated with multiple systems/devices at the same time through serial port or network;

(11) Supports protocol conversion such as KNX, Modbus (RTU/TCP), RS232/485, TCP/IP or UDP.

Parameters

Bus voltage:	21-30 VDC, KNX bus power
Bus current:	< 12mA
Bus Power:	< 360mW
Auxiliary voltage:	24V DC
Auxiliary current:	< 140mA
Auxiliary Power:	< 3.36W
Functional Interface:	KNX*1
	RS232*1
	RJ45*2
	RS485*6
Shell material:	PA66
Dimensions:	145mm x 90mm x 64mm
Installation:	35mm DIN
Working temperature:	-5°C...+45°C
Transportation temperature:	-25°C...+70°C
Relative humidity:	Max 90%

Wiring



① Description: RS485 terminal block, accepts wires sized 0.2-4 mm^2

② Description: RS232 terminal block, accepts wires sized 0.2-4 mm^2;

③ Description: 24VDC auxiliary power input terminal, accepts wires sized 0.2-4 mm^2;

④ Description: Function reserved;

⑤ Description: RJ45 network port, with switch functionality, accepts CAT6 network cables;

⑥ Description: Function reserved;

⑦ Description: Function reserved;

⑧Description: KNX terminal block, for KNX bus access, red wire connected to "+", black wire connected to "-";

⑨ Description: Device power status indicator: green indicates the device bus power supply is normal;

⑩ Description: KNX bus status indicator: green when in normal operation and off when not in normal operation.

Configuration

(1) Web programming. Please use a non-IE browser for configuration, such as Firefox, Chrome, etc.

(2) Login address: 192.168.1.234

(3) Username: admin

(4) Password: 123456

Installation

The device is installed in the distribution box and can be installed on the 35mm DIN rail of DIN EN 60715 standard. In order to facilitate the rapid installation of the device in the distribution box, it is necessary to ensure that the operation, testing, inspection and maintenance of the device.

Safe use and maintenance

(1) Read all instructions carefully before use.

(2) Create a well-ventilated environment.

(3) During use, pay attention to moisture, shock and dust prevention.

(4) Do not expose to rain, other liquids or corrosive gases.

(5) If the machine is damp or invaded by liquid, it should be dried in time.

(6) If the machine fails, please contact professional maintenance personnel or our company.