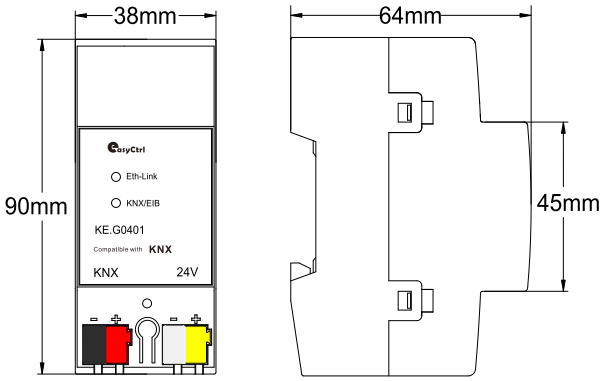
KNX/IP Router

Datasheet

KE.G0401

Dimension



Function

KE.G0401 is a KNX IP router that integrates KNX net/IP gateway and KNX router functions. Its main features are as follows:

(1) It complies with the standard KNX net/IP protocol and can be used as a KNX net/IP server to provide standard bus device configuration, management, download and other functions;

(2) It supports up to 5 clients for connection and communication;

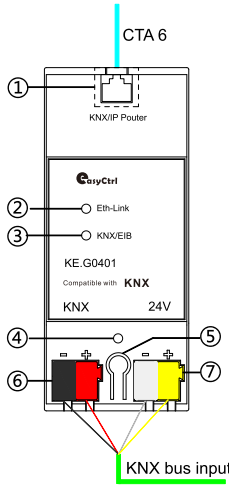
(3) The router function can be used as a KNX branch coupler, regional coupler and multi-regioncoupler;

(4) The communication rate is 100M, which is suitable as a KNX high-speed trunk communication interface;

(5) Large-capacity cache can effectively solve the packet loss caused by a large number of burst messages;

(6)Low power consumption, stable and reliable.

Wiring



① IP interface, connected to IP cable, using standard RJ45 socket;

② IP side communication indicator, always on means the IP side connection is normal, flashing means there is communication on the IP side;

③ KNX side communication indicator, flashing means there is communication on the KNX side;

④ Programming indicator, always on means it is in programming mode;

⑤ Programming button, the button is used to enter/exit KNX programming mode;

⑥ KNX bus terminal, connected to KNX bus, using standard KNX terminal;

⑦ Auxiliary power supply terminal, 24V auxiliary power supply, using standard KNX terminal.

Parameters

Bus voltage:	21-30 VDC, KNX bus power
Bus current:	≤ 12mA
Auxiliary voltage:	24V DC
Auxiliary current:	≤ 25mA
Bus power:	≤ 360mW
Auxiliary power:	≤ 600mW
Connection:	The red and black wires connect to" KNX+", The yellow and white wires connect to "-24+".
Shell material:	PA66
Dimensions:	90 mm x 38 mm x 64 mm
Weight:	About 0.1kg
Installation:	35mm DIN
Operating Temperature:	-5°C...+45°C
Storage Temperature:	-25°C...+55°C
Transportation Temperature:	-25°C...+70°C
Relative humidity:	Max 90%

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.

Noted

(1) Please connect the wires according to the markings on the product shell. Do not connect the 24V power supply and the KNX communication interface in reverse.

(2) The 24V power supply should be provided by the auxiliary power supply dedicated to the KNX power supply.

(3) Be careful of construction dust during installation.

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.