KNX IP Coupler
User Manual
KTEIPC

Safety instructions

- Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
- Electrical equipment must be installed and programmed by qualified technicians only.
- This device is manufactured according to the relevant technical specifications and have CE.
- For more information of this product, please contact the technical engineer of manufacturer.
- Users are not permitted to alter and maintain the product without the authorization of manufacturer.
- Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

Product Overview

The KTEIPC coupler has P2P (Peer-to-Peer) function and IP Route function, connecting the KNX bus to the network. KNX signals can be received or sent through the network. The device uses KNXnet/IP for communication, enabling faster signal transmission between domain-domain, domain-line, and line-line.

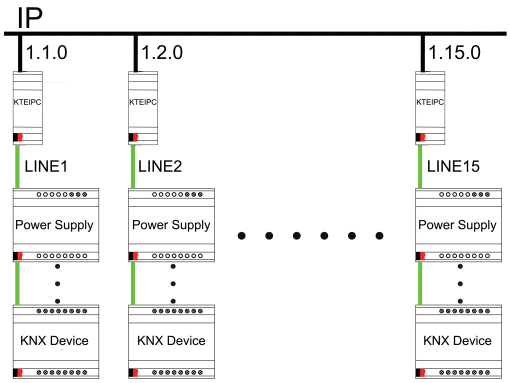
Product Features

- It can be connected to ETS through the IP interface for programming and debugging.
- IThe system is networked in the way of IP Route.
- IIt has the P2P (Peer-to-Peer) function.
- IIt can improve the communication rate of KNX.
- IIt has the function of a filtering table: supporting the filtering of the first digit of the group address.
- IParameters can be set through the web page, and there is no need for programming via ETS.

Programming instructions

1.After connecting the KTEIPC to the local LAN, use Firefox/Chrome browser to access 192.168.1.232.
2.The default username is "admin", and the default password is "123".
3.After successful login, click "Basic Settings" → "Startup Parameters".
4.Select the interface type as "By KTS", and set the interface address as X.Y.0.
5.Change the startup mode to KNX Router Mode.
6.If the LAN environment changes, click "Basic Settings" → "Network Settings", and modify the relevant parameters of the KTEIPC to match the LAN.
7.After the modification is completed, click "System Restart". When the RUN indicator light goes out and then lights up again, it indicates that the restart is completed and the set parameters take effect.

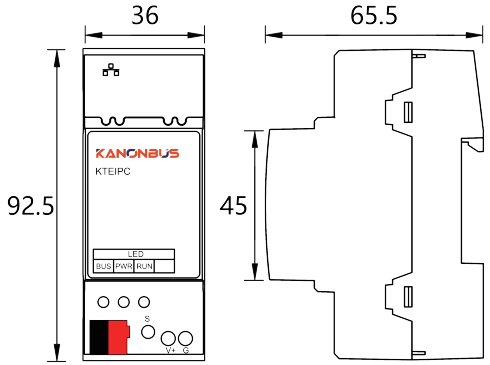
Networking example



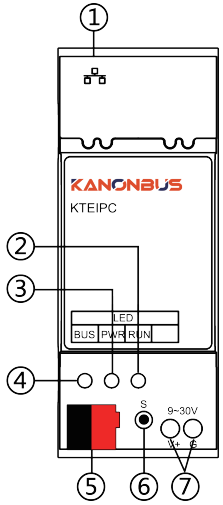
Product parameters

Parameter \ Types	KTEIPC
Product Info	
Dimensions (WxHxT)	36mm×92.5mm×65.5mm
Power Supply	9V~30V DC
Rated power	3W
Type of protection	IP20
Operation	0℃~70℃
Storage	-25℃~70℃
Installation method	Rail-mounted installation
Interface type	
KNX interface	1
RJ45 interface	1
Transmission medium	KNX TP/KNXnet IP
LED indicator light	
BUS	KNX system indicator light, red
PWR	Power indicator light, orange
RUN	Operating indicator light, green

Product dimensions



Operating instructions



Operating instructions

① RJ45 network interface.
② RUN indicator light: After power - on, it stays green constantly. When data is being sent or received, it flashes green rapidly.
③ PWR indicator light: After power - on, it stays orange constantly.
④ BUS indicator light: After being connected to the KNX system, it stays red constantly.
⑤ KNX bus terminal: It can be connected to the KNX system.
⑥ Reset button: Press and hold this button for 6 seconds. When the RUN indicator light flashes rapidly and then lights up again, the device will restore the factory settings (including the host IP network parameters, serial port settings, and startup mode).
⑦ Auxiliary power supply input terminal: Use a 9V - 30V DC power supply. V+ is the positive pole, and G is the negative pole.

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