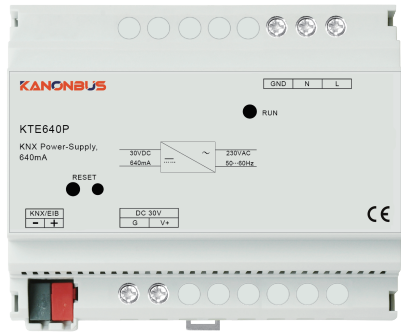


KNX system power supply

User Manual

KTE640P



1

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 KTE640P system power supply is a standard power supply device for the KNX system. It integrates a choke coil and provides a standard and clean operating voltage for the proper functioning of the KNX system. It enables the transmission of voltage, current, and communication signals in the KNX system, as well as fault diagnosis. It is equipped with protection functions against voltage output short - circuits, overloads, and overheating. The KTE640P is connected to other KNX devices via the KNX bus and is compatible with KNX devices manufactured by other KNX vendors.

2

Product Features

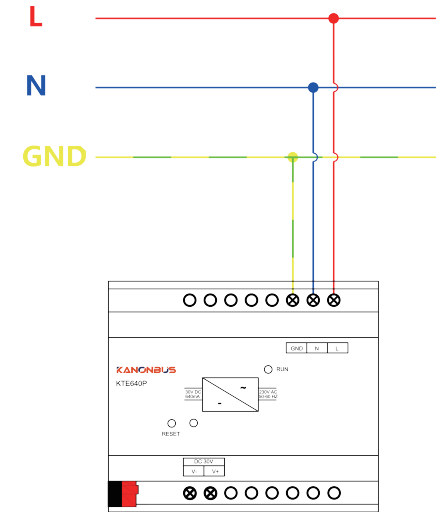
- Built - in choke coil.
- Stable current output.
- High efficiency, with an efficiency of approximately 85%.
- Equipped with short - circuit protection function.
- Equipped with overload protection function.
- Equipped with over - heat protection function.
- Features a restart button and indicator light.
- Provides a 30V DC output, which can be used as auxiliary power supply.
- Note: The total output current shall not exceed 640mA.

Programming instructions

The KTE640P is a system device that can be used without programming.

3

Product Wiring



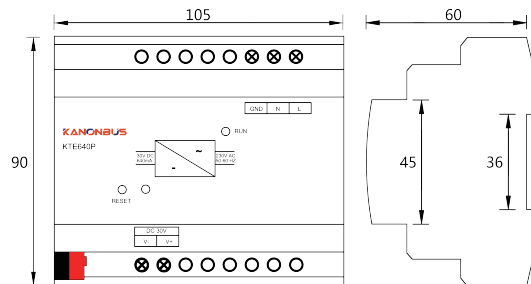
4

Product parameters

Parameters	Types	KTE640P
Power input		
Power Supply		85V~220V AC,50/60Hz
Efficiency		85%
KNX output		
Number of output channels		1
Output voltage		30(+1/-2)V DC
Rated current		640mA
Transmission medium		KNX TP
Product Info		
Dimensions(WxHxT)		105mm x 90mm x 60mm
Type of protection		IP20
Operation		0°C~70°C
Storage		-25°C ~70°C
Installation method		Rail mounting

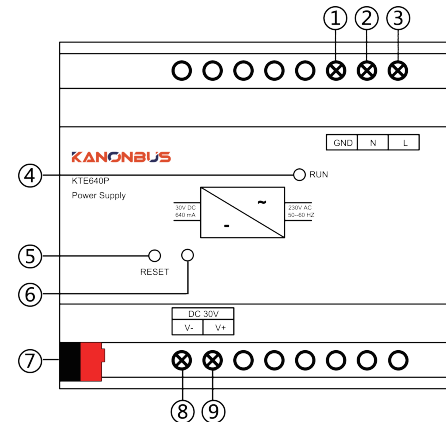
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Product dimensions



6

Operating instructions



7

Operating instructions

- ① Grounding terminal
- ② Neutral terminal
- ③ Live terminal
- ④ Operation indicator light: It stays green constantly when in normal operation and flashes green when the bus is short - circuited.
- ⑤ Reset button: Press it to reset the power supply.
- ⑥ Indicator light of the reset button: It turns red when the reset button is pressed and goes out after the reset is completed.
- ⑦ KNX bus terminal: Used to connect to the KNX system and supply power to it.
- ⑧ Power supply interface: V - is the negative pole, which provides a 30V DC auxiliary power supply.
- ⑨ Power supply interface: V+ is the positive pole, which provides a 30V DC auxiliary power supply.

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