KNX power supply choke User Manual

K-PC



Product parameters

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 Features

- Built-in choke
- Stable current output
- High efficiency
- Equipped with short-circuit protection function
- Equipped with overload protection function
- Equipped with overheat protection function
- An external 30V power supply is required, and the current should be ≥ 1A.

Product Overview

The K-PC power choke is a power supply device for the standard KNX system. It provides a standard and pure operating voltage for the normal operation of the KNX system. It can realize the transmission of voltage, current and communication signals in the KNX system, as well as fault diagnosis. It has the functions of short-circuit protection, overload protection and overheat protection for the voltage output.

The K-PC is connected to other KNX devices through the KNX bus and is compatible with KNX devices produced by other KNX manufacturers.

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Programming instructions

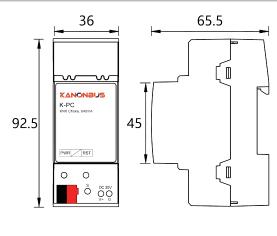
The K-PC is a system device and can be used without the need for programming.

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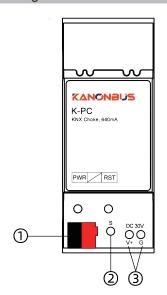
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Parameters Types	K-PC
Power input	
Power Supply	30V DC ≥1A
KNX output	
Number of output channels	1
Output voltage	30V DC
Rated current	640mA
Transmission medium	KNX TP
Product Info	
Dimensions	W:36mm×H:92.5mmT:65.5mm
Type of protection	IP20
Operation	0°C~70°C
Storage	-25°C~70°C
Installation method	Rail-mounted installation

Product dimensions



Operating instructions



Operating instructions

Product Wiring

- ① KNX bus terminal: It can be connected to the KNX system.
- ② Bus reset button: Press the reset button briefly, and the RST indicator light will turn on and automatically turn off after 30 seconds.
- ③ Power supply input terminal: Use a 30V DC power supply, where V+ is the positive pole and G is the negative pole.

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