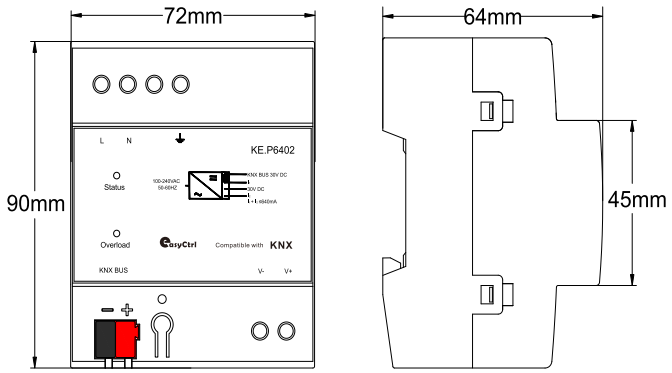
KNX Power Supply

Datasheet

KE. P6402

Dimension



Function

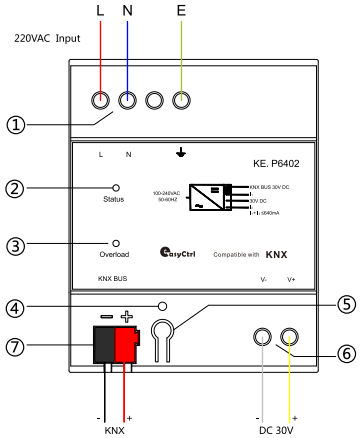
Bus power supply is used to provide and monitor the voltage of the EIB / KNX system. The output has two terminals, including one KNX bus output for EIB bus power supply and signal transmission. One 30V DC auxiliary output and provides a power supply voltage of 30V DC, 640mA which can be sent to the terminal; the reactor has been integrated into the bus connection terminal; if a reactor is connected to the 30V DC auxiliary power supply terminal, it can also be used as a bus power supply terminal and also has a signal transmission function.

(1) Meet the power supply of KNX/ EIB bus equipment;
(2) With output short circuit, over current function;
(3) Load status indication;
(4) Reset function;
(5) Ripple is less than 100mV.

Parameters

Input Voltage:	100-240VAC
Input frequency:	50/60Hz
Efficiency:	78%
KNX Output:	1 way with reactor, 21-30VDC
AUX Output:	1 way without reactor, 30VDC
Nominal output current:	$I_1+I_2 \leq 640mA$ Short circuit protection
Output voltage accuracy:	± 3%
Power-off working time:	100ms/230VAC
Overload protection:	<1.5A, Hiccup protection
Output overvoltage:	33-35V, Hiccup protection
Dimensions:	72mm x 90mm x 64mm
Shell material:	PA66
Weight:	About 240g
Installation:	35mm DIN
Operating temperature:	-5°C...+45°C
Storage temperature:	-25°C...+55°C
Transportation temperature:	-25°C...+70°C

Wiring



① Wiring port, the aperture can be connected to φ0.2-4mm^2

② Power supply working status indicator, green status LED, when the status LED is always on, it means the power supply is working normally;

③ Overload indicator, when the bus output current is overcurrent or the bus is short-circuited, the LED indicator flashes red;

④ Red reset indicator light, when light on, could reset;

⑤ Reset button, short press to enter the reset operation, for KNX bus power supply re-output;

⑥ Aux power supply 30V DC output wiring port, yellow wire to "+", white wire to "-";

⑦ KNX bus power supply output port, KNX bus access, red wire connection "+", black wire connection "-".

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.