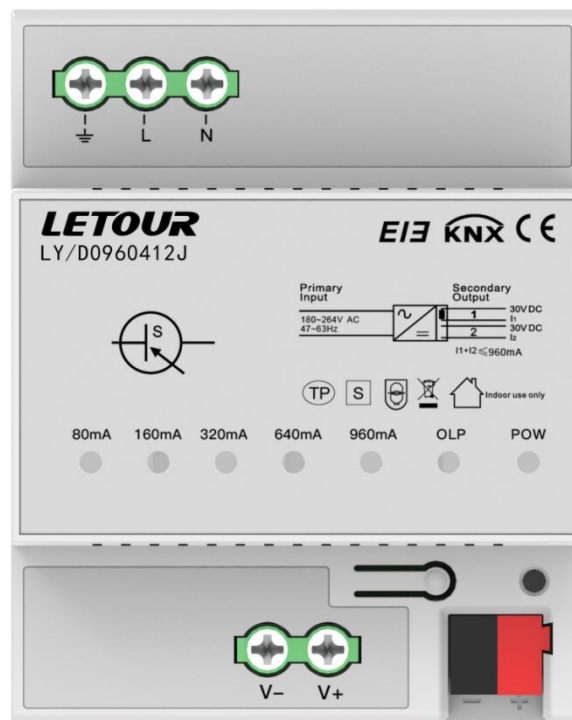


KNX Power supply, 960mA

LY/D0960412J

User Manual-V1.2



KNX/EIB Home and Building Control System

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Chapter 1 Introduction

The EIB / KNX power supply is used to provide and monitor the voltage of the EIB / KNX system, and a reactor is integrated inside. The EIB / KNX power supply output has two connection terminals, one for EIB bus power supply and signal transmission; the other for auxiliary power supply. An external reactor can also be used as the bus power supply end, and also has signal transmission function.

The EIB / KNX power supply is a modular installation device. In order to facilitate installation in the distribution box, it is designed according to EN 60 715 and can be installed on a 35 mm DIN rail. The device uses screw terminals for electrical connection. The bus connection is directly connected through the EIB terminal block (red/black), and the input end is connected to the 230V AC power supply voltage. The power supply can be reset by pressing the reset button on the device for 22s (22s does not include the time of the button action). When the bus power supply end of the power supply is powered off, other devices connected to the bus return to their original state. In the case of a long bus power outage, the bus power supply end should be unplugged from the power supply.

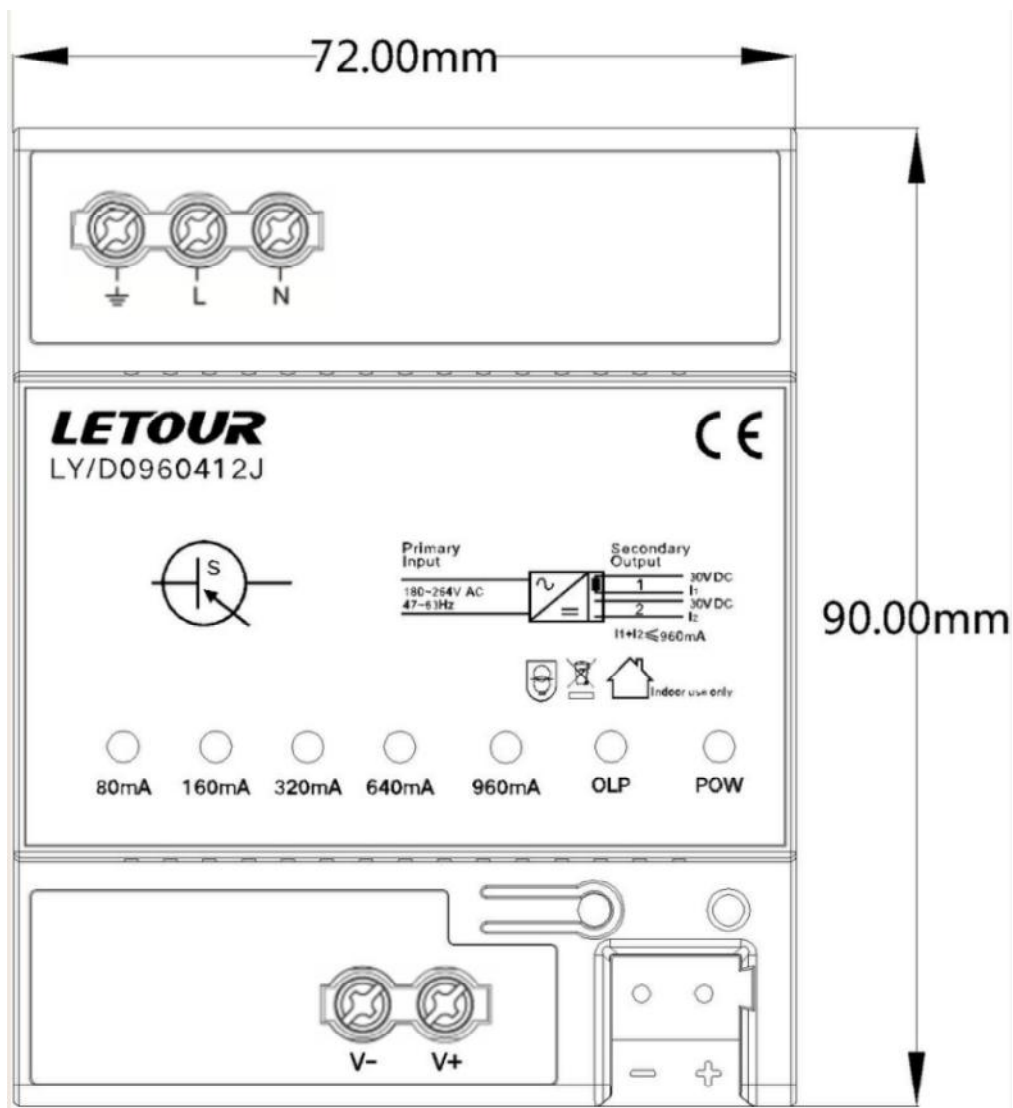
Chapter 2 Technical Parameter、Dimension and Connection

Diagram

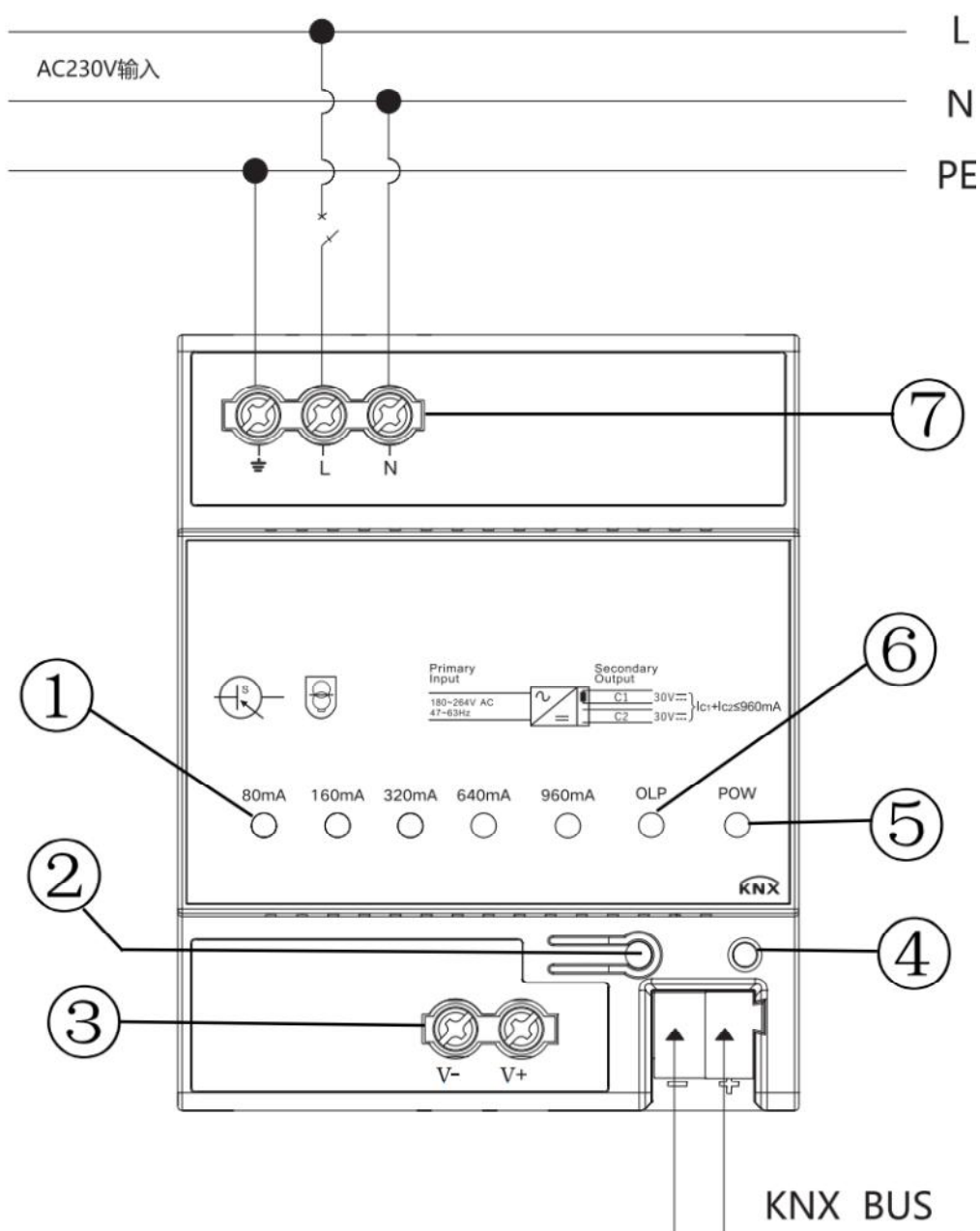
2.1 Technical Parameter

Input voltage	180-264V AC (47 • 63Hz)
Output voltage	30V DC(1 channel KNX and 1 channel auxiliary power)
Output current	Sum of two channels≤960mA
No. of channels	2
Dimension	72 x 90 x 64mm
Temperature	-5℃-45℃
Humidity	10%~95% , except dewing
Mounting	On 35mm mounting rail

2.2 Dimension Drawing



2.3 Connection Diagram



- ① Current level indicator
- ② Reset push button
- ③ Auxiliary power supply output
- ④ Reset indicator LED
- ⑤ Power indicator
- ⑥ Overload/short circuit indicator
- ⑦ Main supply 220V

Chapter 3 Normal Working Test

When power supply has been correctly installed, switch on the main power supply for the bus power, and the green LED “ON” , and the other LEDs are switched off, that is, the device function correctly.