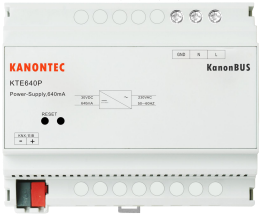
KTE640P

电源模块, 640mA

操作说明书



订货号： KTE640P

注意

RISK

All work carried out on the unit may only be performed by skilled electricians. Observe the regulations valid in the country of use, as well as the valid KNX guidelines。

CAUTION

Do not connect the main voltage (230 V) or any other external voltage to any point of the BUS, except for the specific connections.

产品概述

KNX 电源模块是为 BCU 单元提供稳定的工作电压。 总线电流，总线电压以及其他的通讯信号都可以通过 KNX 总线来实现信号传输以及故障诊断。电压输出过载和短路保护。

KanonBUS 电源模块（KTE640P）与其他厂家的设备兼容，设备的诊断和总线应用程序可以与其他标准设备公用。KTE640P 电源模块通过总线连接到 KNX 终端设备。

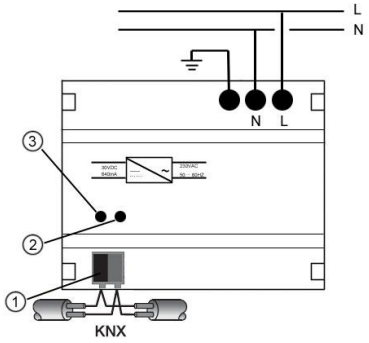
功能及特点

- ♦ 高效率, 大约 85%功效
- ♦ 稳定的电流输出
- ♦ 短路保护
- ♦ 重启按钮以及指示灯

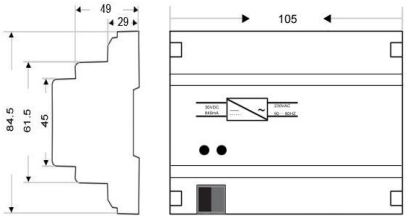
注解

- 安装/施工调试请专业人士负责.
- 使用请参考安全低压 SELV 规则
- 请注意 220V 强电安全

模块说明



① 总线连接端口
② 重启按钮
③ 重启按钮指示灯



安装与接线

① **安装方式:**
模块适用于标准 DIN-35mm 导轨安装(符合标准 DIN EN 60715)。可通过上部挂接在导轨上后往下轻轻扣在导轨上。

② **接线方式:**
电源模块接线方式为螺旋式螺丝来实现线路与模块之间的固定。设备的安装位置位于现场的配电箱内。KNX 元器件通过总线制的连接方式来实现设备之间的连线。

③ **调试方式:**
调试工具为专业工具 ETS 软件，详细的设备参数可以在 ETS 数据库中编辑。

④ **重启:**
重启按钮按下后，指示灯会亮起，总线电压会断开，20 秒后电源模块正常工作。

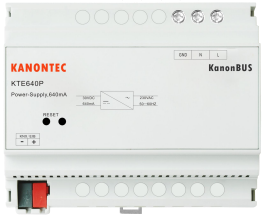
技术参数

电源供电	85 ... 265 V AC 50/60 Hz
效率	85% voltage regulation, Low noise, Low ripples
EIB/KNX 输出 t	30V DC +1/-2 V SELV 640mA
产品保护	短路保护 过载保护, 过热保护
连接方式	螺旋接口
工作温度	0°C to +70°C
存储温度	-25 °C to +70°C
标准类型	IP20, EN60529
指示灯 r	重启按钮按下时，指示灯会亮
安装方式/尺寸	105 X 90 X 60mm 导轨式安装

KTE640P

Power Supply for KNX BUS, 640mA

Operating instructions



Art. No. KTE640P

For your safety

⚠ RISK

All work carried out on the unit may only be performed by skilled electricians. Observe the regulations valid in the country of use, as well as the valid KNX guidelines

⚠ CAUTION

Do not connect the main voltage (230 V) or any other external voltage to any point of the BUS, except for the specific connections.

Device description

The KNX power supply units with integrated choke produce and monitor the KNX system voltage (SELV). The bus current, bus voltage and other messages can be sent via KNX for diagnostic purposes. The voltage output is short-circuited and overload protected.

KanonBUS power supplies (KTE640P) are designed to be fully compatible with each other. Devices with diagnostics or bus functions for complex applications are available alongside standard devices. The KTE640P has an integrated choke. They connect to the KNX via a bus connection terminal.

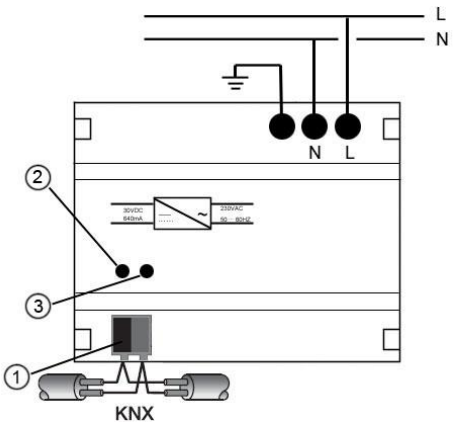
MAIN FEATURES

- High efficiency, about 85%
- Integrated with choke
- short-circuited protected
- reset button and reset LED indicator integrated

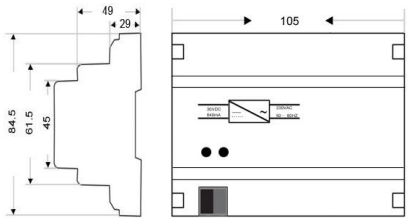
Note

- Installation and commissioning may only be carried out by electrical specialists.
- Conform to SELV installation rules

Operating elements



④ BUS Connection terminal
⑤ RESET LED Indicator
⑥ RESET button



How to install the device

⑤ **Mounting:**
the device is suitable for installation in the connection unit or small enclosures for fast installation on 35mm mounting rails to DIN EN 60715. accessibility of the device for the purpose of operation, testing, visual inspection, maintenance and repair must be provided compliant to DIN VDE 0100-520

⑥ **Connection:**
the electrical connection is implemented using screw terminals. The terminal designations are located on the housing. The connection to the KNX is implemented using the supplied BUS Connection Terminal.

⑦ **Commissioning:**
commissioning is performed with the Engineering Tool Software (ETS). A detailed description of parameterization and commissioning can be found in the technical documentation of the device

⑧ **Diagnosing:**
pressing the RESET button and then the reset LED ON, the BUS voltage is down. The reset time is about 20 seconds.

Technical Data

Supply voltage Us	85 … 265 V AC 50/60 Hz
Efficiency	85% voltage regulation, Low noise, Low ripples
EIB/KNX output	30V DC +1/-2 V SELV 640mA
Protect	Short-circuit protected, over-load protected, thermal-shutdown
Connectors	Screw connections
Ambient temperature	0ºC to +70ºC
Storage temperature	-25 ºC to +70ºC
Type of protection	IP20, EN60529
Indicator	RESET LED On when pushing the RESET button
Install/Dimensions	105 X 90 X 60mm DIN-rail mounting