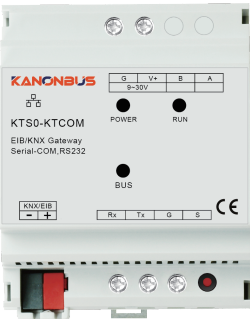


KNX Serial Server Gateway
User Manual

KTS0-IPKOM
KTS0-KTCOM



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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 KNX Serial Server Gateway adopts a rail - mounted installation method. It can perform bidirectional conversion between the KNX system and terminal devices or systems compliant with the RS232/485 communication protocol. It has a serial communication interface and powerful computing and processing capabilities, with an industrial - grade chip and design built - in, ensuring stability and reliability. It includes two products, KTS0 - KTCOM and KTS0 - IPCOM, and users can select different products according to the actual project applications. The KNX Serial Server Gateway has two built - in serial protocol modules: Customized RS232/RS485 serial services, generally used for customers to independently configure bidirectional data communication between the serial port (hexadecimal or ASCII string) and the KNX system. KTCOM serial transparent transmission protocol. Users can, according to the default rule definitions, without configuration, use the defined serial rules to achieve the docking and integration between the central control systems (such as AMX, Crestron, Savant, etc.) and the KNX system.

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Product Features

- It has an independent serial communication interface.
- It has a built - in customized RS232/RS485 serial service function.
- It has a built - in KTCOM serial transparent transmission protocol.
- It has a built - in logic function.
- It supports the hexadecimal or ASCII string format.
- There is no limit to the number of serial control commands.
- The serial port parameters of the gateway can be set.
- It has the KNX IP ROUTER function.
- It has a filtering table function.

Product Configuration

- This product adopts the web page programming method. Please use browsers that are not based on the IE kernel for function configuration, such as Firefox, Chrome, etc.
- Login address: 192.168.1.232
- Username: admin
- Password: 123

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Product Selection

Product model		KTS0-KTCOM	KTS0-IPCOM
interface	KNX	1	1
	RJ45	1	1
	RS232	1	
	RS485		
function	Serial port custom protocol	√	√
	KT Serial Transparent Transmission Protocol	√	√
	Logical function	√	√
	KNX IP Router function	√	√

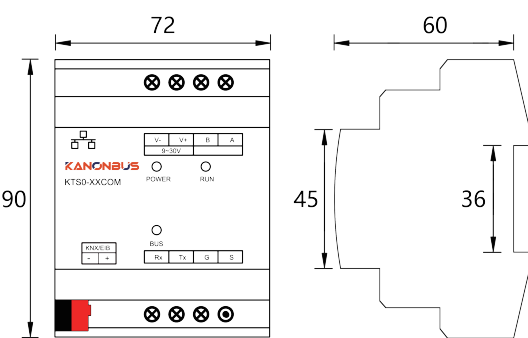
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Product parameters

Parameter	Types	KTS0-KTCOM/KTS0-IPCOM
Product Info		
Dimensions (WxHxT)		70mm×90mm×60mm
Power Supply		9V~30V DC
Type of protection		IP20
Operation		0°C~70°C
Storage		-25°C~70°C
Installation method		Rail-mounted installation
LED indicator light		
POWER		Working indicator light
RUN		Operating indicator light
BUS		KNX system indicator light

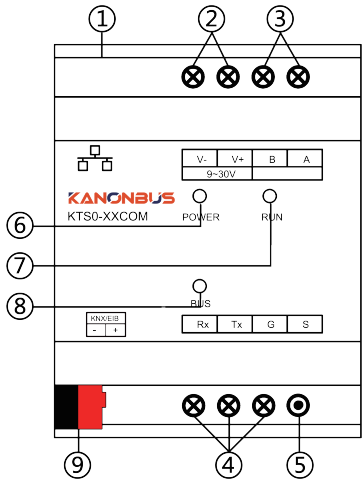
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Product dimensions



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Operating instructions



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Operating instructions

- RJ45 network interface
- Power supply interface: V+ is the positive pole, and G is the negative pole.
- COM3: RS485 wiring terminal (KTS0 - IPCOM)
- COM2: RS232 wiring terminal (KTS0 - KTCOM)
- Reset button: Press and hold this button for 6 seconds. When the RUN indicator light flashes rapidly and then stays on again, the device will be restored to its factory settings (including the host IP network parameters, serial port settings, and startup mode).
- POWER indicator light: After power - on, it stays constantly red.
- RUN indicator light: It stays constantly red during operation. When data is being sent or received, it flashes rapidly in red.
- BUS indicator light: After being connected to the KNX system, it stays constantly red.
- KNX bus terminal: It can be connected to the KNX system.

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