

KNX USB Interface

Ref. 9018243B

Compact USB Interface for the KNX-Bus



KNX USB Interface

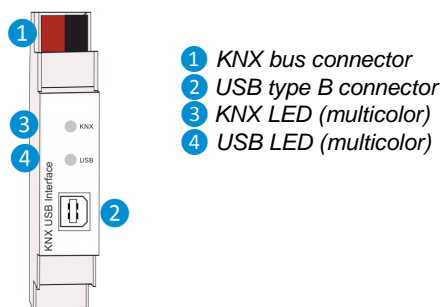
Application

The KNX USB Interface is a data interface between a PC or laptop and the KNX installation bus. The USB connector is galvanic isolated from the KNX bus.

The device is compatible with ETS® Software Version 3 (or higher) and supports KNX extended frames. The LEDs on the front panel indicate the operating status and communication errors on the bus.

Installation and Connection

The KNX USB Interface is designed for installation on a DIN rail with a width of 1 unit (18mm). It features the following controls and displays:



- 1 KNX bus connector
- 2 USB type B connector
- 3 KNX LED (multicolor)
- 4 USB LED (multicolor)

The KNX USB Interface is powered by USB. An external power supply is not necessary.



The device is not working without USB connection.

KNX Programming mode

The individual address of the Interface can be set locally via the ETS. According to this reason no programming button or LED is necessary on this device.

Status display

The KNX LED ③ lights up green if the device is successfully connected to the KNX bus. This LED indicates telegram traffic on the KNX bus by flickering.

KNX communication failures (e.g. repetitions of telegrams or telegram fragments) are indicated by a short change of the LED color to red.

The USB LED ④ lights up green if the device is connected to USB. This LED indicates telegram traffic on the USB by flickering.

USB communication failures (e.g. repetitions of telegrams or telegram fragments) are indicated by a short change of the LED color to red.

Factory default settings

The following configuration is set by factory default:

Individual device address: **15.15.255**

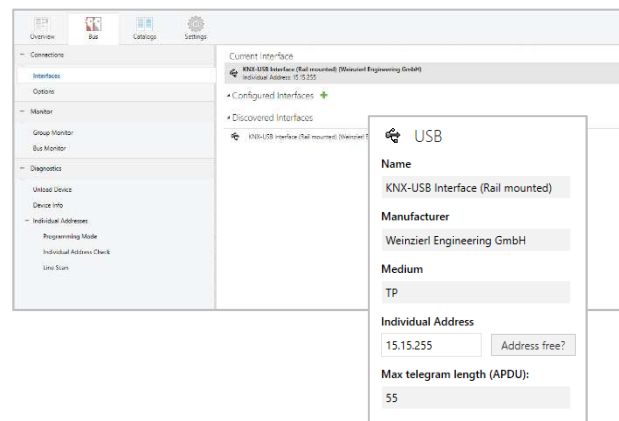
Interface settings with ETS

Within the ETS KNX interfaces can be selected and set up via the ETS menu "Bus Interfaces".

After connecting the KNX USB Interface to the PC and the KNX bus, it should automatically appear in the ETS within the menu "Bus" under "Discovered interfaces".

By clicking on the discovered interface it is selected as the current interface. On the right side of the ETS window all specific information and options of the connection appear.

The indicated individual address of the KNX USB Interface can be changed here. To check if the address you want to assign is unique within your KNX installation you can click the button "Address free?"





WARNING

- The device must be mounted and commissioned by an authorized electrician.
- The prevailing safety rules must be heeded.
- The device must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.



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