

## KNX USB GATEWAY

### Safety instructions



Electrical devices may only be mounted and connected by electrically skilled persons.

Serious injuries, fire or property damage possible. Please read and follow manual fully.

These instructions are an integral part of the product, and must remain with the end customer.

### Device components

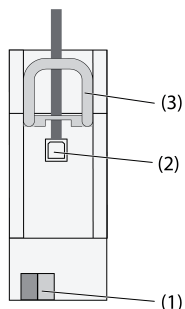


Figure 1

- (1) KNX connection
- (2) USB connection
- (3) Slide

### Function

#### System information

This device is a product of the KNX system and complies with the KNX directives. Detailed technical knowledge obtained in KNX training courses is a prerequisite to proper understanding.

The function of this device depends upon the software. Detailed information on loadable software and attainable functionality as well as the software itself can be obtained from the manufacturer's product database. Planning, installation and commissioning of the device are carried out with the aid of KNX-certified software. The latest versions of product database and the technical descriptions are available on our website.

#### Intended use

- Coupling of a PC to the KNX bus for addressing, programming and diagnosing KNX devices.
- Installation in small distribution board on a DIN rail according to EN 60715
- i Power is supplied to the device via the USB connection of the PC.

### Information for electrically skilled persons



**Mortal danger of electric shock.**  
Cover up live parts in the installation environment.

### Fitting and electrical connection

#### Mounting and connecting the RMD device

- o Mount device on DIN rail with the terminals facing downwards.
- i Use only cables which are approved for KNX.
- o Connect bus line with device connection terminal (1).

Optionally connect USB line permanently

- o Unlock the slide (3) by pulling the end of the bow forwards. Pull out slide.
- o Insert the USB cable into the socket (2).
- o Re-insert slide (3) until it engages noticeably.
- i The slide fixes the USB cable in place and ensures that the maximum installation height in the distributor is maintained.

### Commissioning

#### Load the address and the application software

The device is exclusively programmed locally with the physical address via a connected PC and therefore do not have a programming button or programming LED.

- o Connect PC with the device.
- o Assign physical address.
- o Write the physical address on the device label.
- i The firmware of the USB data interface can be updated via a PC.

### Appendix

#### Technical data

KNX	
Rated voltage	DC 5 V (via USB interface)
KNX medium	TP
Commissioning mode	S-mode
Connection, Bus	device connection terminal

USB	
Protection class	II
	-5 ... +45 °C
	-25 ... +70 °C

USB connection	Type B
USB-Version	1.1/2.0
Cable length	5 m
Installation width, RMD device	36 mm / 2 module

### Warranty

The warranty follows about the specialty store in between the legal framework as provided for by law.



## KNX USB GATEWAY

Art. No. WRKT25025NC

Operating instructions



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