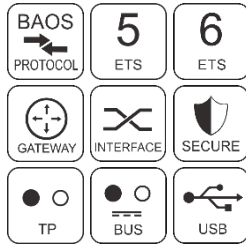


Data sheet

KNX TP USB Interface Stick 333 *secure*

USB interface for kTux/BAOS



(Art. # 5445)

Application area

The KNX TP USB Interface Stick 333 *secure* is an extended interface for the KNX bus as a basis for device development. Like the standard device 332, it can be used as a programming interface for the ETS®.

The LEDs in the device indicate the operating status and communication errors on the bus. The USB connector is galvanic isolated from the KNX bus.

For device development, the device includes a complete KNX Stack *secure* with communication objects and BAOS protocol V2. The stick thus offers the possibility of expanding devices with a USB connection into fully-fledged KNX devices that can also be programmed by ETS.

In addition, the stick also serves as an interface for the kTux software stack from Weinzierl. kTux is a KNX stack for Linux with KNX Security.

For more information about this solution and available SDKs please contact WEINZIERL.

Technical Specification

Electrical safety

- Protection (acc. EN 60529): IP20

CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 63044-3: 2018
- EN 63044-5-1: 2019
- EN 63044-5-2: 2019
- EN 63044-5-3: 2019
- EN 61000-6-2: 2019
- EN 61000-6-3: 2021
- EN 63000: 2018

Environmental requirements

- Ambient temp. operating: - 5 ... + 45 °C
- Ambient temp. non-op.: - 25 ... + 70 °C
- Rel. humidity (non-condensing): 5 ... 93 %

Mechanical data

- Housing: Transparent plastic (ABS)
- Dimensions: 60 x 19 x 13 mm
- Weight: Approx. 12 g

Controls and indicators

- 2 LEDs, multicolor

KNX

- Medium TP
- Interface protocol: HID/cEMI
- Max. APDU length: 233
- Object Server: BAOS V2 *secure*
- Device model: System B

Power supply

- USB < 8 mA
- KNX < 3 mA

Connectors

- Connector for KNX TP Bus (Pluggable screw terminal)
- Cross-section of connectors: 0.14 ... 1.5 mm²
- USB: Connector male type A
Max. cable length: 5 m

Installation Instructions

- The device shall be used in indoor areas only.
- It can be connected directly to a USB port of a PC or laptop.
- The KNX connector is marked at the enclosure with +/- for bus polarity.

**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.

Product database for ETS 5/6

www.weinzierl.de/en/products/333/ets6

Manual

www.weinzierl.de/en/products/333/manual

CE Declaration

www.weinzierl.de/en/products/333/ce-declaration

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