WEINZIERL

KNX USB Interface 330 Stick

Interface between PC and KNX bus

Data sheet

Application area

This interface is for establish a bidirectional connection between a PC and the KNX installation bus. The USB connector has a galvanic separation from the KNX bus. Both ETS (Engineering Tool Software) versions ETS3 or later and some Visualization tools support this interface.
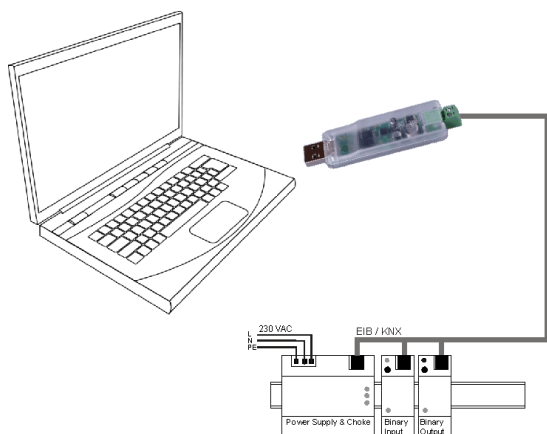

Figure 1: Photo of device

Figure 2: Typical application

Weinzierl Engineering GmbH
D-84508 Burgkirchen / Alz
Germany
http://www.weinzierl.de
info@weinzierl.de

Technical Specification

Electrical Safety

- Protection (acc. EN 60529): IP 20
- Bus safety extra low voltage SELV DC 29 V

CE marking according to

- Low voltage directive 2014 / 35 / EU
- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU (RoHS2)
  EN 50491-3: 2009, EN 50491-5-1: 2010
  EN 50491-5-2: 2010, EN 50491-5-3: 2010
  EN 61000-6-2: 2005
  EN 61000-6-3: 2007 + A1: 2011
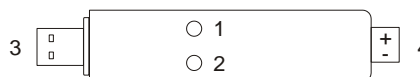 EN 50581: 2012 (RoHS2)
  *CE declaration can be requested at info@weinzierl.de.

Environmental requirements

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

Mechanical data

- Housing: Plastic
- Dimensions: 90 mm x 21 mm x 12 mm
- Weight: approx. 20 g

Indicators

- Signal-LED (1) green for USB-Connection
- Signal-LED (2) green for KNX-Connection

Power supply

- The part of circuit for communication over USB is supplied by the connected PC / Laptop, correct operation is signalled by the corresponding LED. Power consumption: < 200 mW
- The part of circuit for communication over KNX is supplied by KNX bus.Power consumption: < 100 mW

Connectors

- KNX connection terminal (4)
  (screw terminal, pluggable)
- USB (3): USB connector type A