KNX USB Interface 330 Stick EN

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.

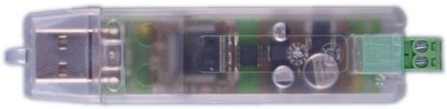

Figure 1: Photo of device

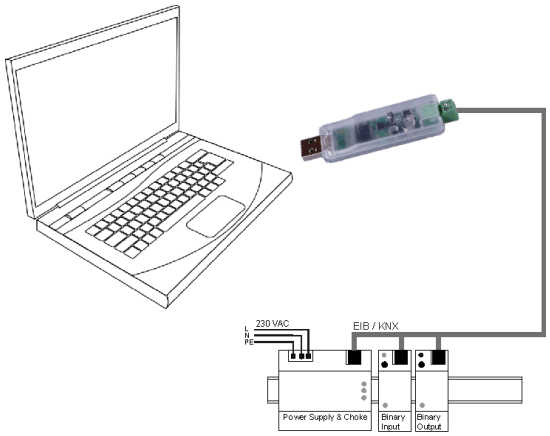

Figure 2: Typical application

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Technical Specification

Electrical Safety

- Protection (acc. EN 60529): IP 20
- Bus safety extra low voltage SELV DC 24 V

EMC requirements

- Complies with EN 61000-6-2, EN 61000-6-3 and EN 50090-2-2

Environmental requirements

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

Certification

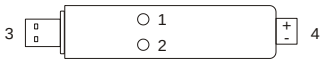
- KNX

CE norm

- Complies with the EMC regulations (residential and functional buildings) and low voltage directive

Physical specifications

- 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