

## KNX USB Interface 311 (DIN rail)

### 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

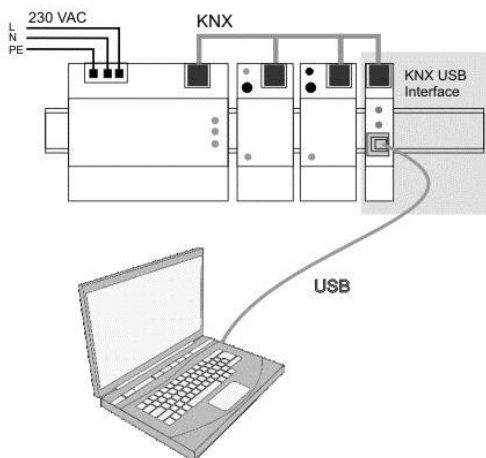


Figure 2: Typical application



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#### Technical Specification

##### Electrical Safety

- Protection (acc. EN 60529): IP 20
- Bus safety extra low voltage SELV DC 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](mailto: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
- DIN rail mounted device, width: 18 mm
- Weight: approx. 40 g

##### Indicators

- Signal-LED (green) for USB-Connection
- Signal-LED (yellow) 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
- USB: USB connector type B  
 Wire length max. 5 m