

KNX-USB Adapter 350 (RS-232)

Adaptor between USB and RS-232 (PEI16)

Data sheet

Application Area

The USB serial adaptor is used for communication between a PC or laptop and an KNX network. The device is compatible to the KNX media TP (EIB) and can be plugged directly into existing RS-232 Interfaces for KNX. The firmware supports the protocol EMI1 (PEI16).



Figure 1: Photo of the device



Figure 2: Typical application



Weinzierl Engineering GmbH
DE-84508 Burgkirchen
E-Mail: info@weinzierl.de
Web: www.weinzierl.de

Technical Specifications

Electrical Safety

- Protection (acc. EN 60529): IP 20
- Bus safety extra low voltage SELV DC 24 V
- The device complies with EN 50090-2-2

Electromagnetic compatibility

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

Environmental specifications

- Climatic conditions: EN 50090-2-2
- Ambient temp. operating: - 5 ... + 45 °C
- Ambient temp. non-op.: - 25 ... + 70 °C
- Rel. humidity (non-condens.): 5 % ... 93 %

Certification

- KNX

CE norm

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

Physical specifications

- Housing plastic
- Dimensions: 78 x 45 x 18 mm
- Weight: approx. 35 g
- Fire load: approx. 1000 kJ

Power supply

- Power from the PC or laptop via USB connection;
Power consumption: < 200 mW

Connectors

- RS-232: 9 pin Sub-D connector male, to be plugged directly to RS-232 interface
- USB: USB connector type B, Wire length max. 5 m;

Compatibility

- Engineering Tool Software ETS3 or later