

# EIB/KNX-USB Adapter 350 (RS-232)

EN

## 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 EIB/KNX network. The device is compatible to the KNX media TP (EIB) and can be plugged directly into existing RS-232 Interfaces for EIB/KNX. The firmware supports the protocol EMI1 (PEI16).



Figure 1: Photo of the device



Figure 2: Typical application



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### 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 / EIB

#### 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