KNX USB Interface 310 (DIN rail)
Interface between PC and EIB/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.

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

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

Physical specifications
- Housing: Plastic
- DIN rail mounted device, width: 36 mm
- Weight: approx. 100 g
- Fire load: approx. 1000 kJ

Indicators
- Signal-LED (green) for USB-Connection
- Signal-LED (yellow) for Communication

Power supply
- The part of circuit for communication over USB is supplied by the connected PC / Laptop, correct operation is signalled by the green LED (USB). Power consumption: < 200 mW
- The part of circuit for communication over KNX is supplied by KNX bus. Power consumption: < 300 mW

Connectors
- KNX connection terminal
- USB: USB connector type B
- Wire length max. 5 m