Satel
MADE TO PROTECT

Data sheet

KNX-**USB**

KNX-USB interface

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KNX-USB - KNX-USB interface

The KNX-USB interface enables communication between the KNX bus and a computer for programming and monitoring devices on the bus by using the ETS program. Additionally, the interface can work in the bus logging mode, in which the history of events generated on the KNX bus is saved to the interface non-volatile memory (up to 350 000 events).

In the bus logging mode, the interface does not support communication with the ETS program.

Features

- communication with the KNX bus via integrated bus connector
- power supply from the KNX bus or from the computer USB port
- galvanic isolation of the KNX system and computer
- data transmission between the interface and the computer acc. to USB 2.0 standard
- LEDs indicating the device status
- easy to connect and use

Specifications

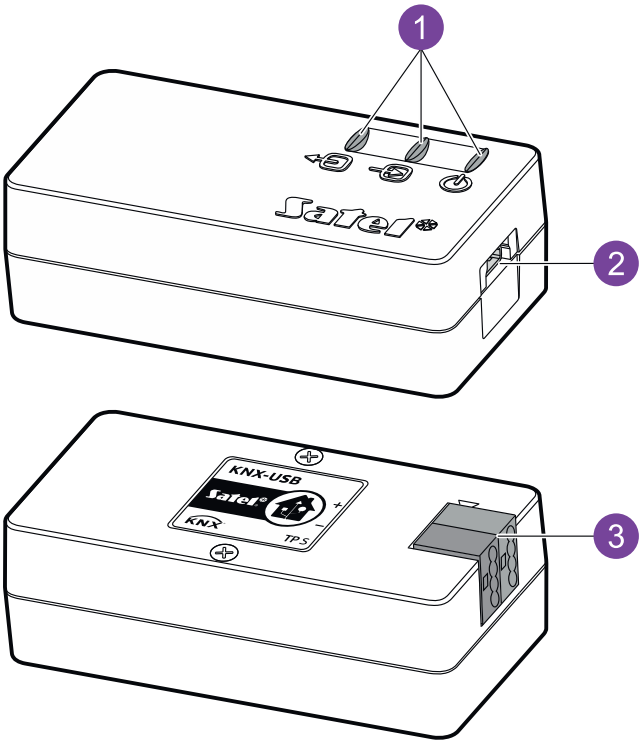
Power supply

USB voltage	5 V DC
Current consumption from USB	< 30 mA
Maximum power consumption from USB	0,3 W
Type of USB connector	mini USB type B
KNX bus voltage	20…30 V DC
Current consumption from KNX bus	< 20 mA
Maximum power consumption from KNX bus	0,6 W

Other parameters

Maximum length of USB cable	5 m
Operating temperature range	-5 °C...+45 °C
Storage/transport temperature range	-25 °C...+70 °C
IP code	IP20
Enclosure dimensions	67 x 34 x 21 mm
Weight	108 g

Device appearance



1. LEDs:
   - – green LED indicating connection to the KNX bus:
     – ON – OK,
     – flashing – data exchange in progress.
   - – green LED indicating connection to the computer:
     – ON – OK,
     – flashing – data exchange in progress.
   - – red LED indicating power supply and operation in bus logging mode:
     – ON – power supply OK,
     – flashing – bus logging mode enabled.

Flashing of all LEDs indicates interface failure.
The failure should be reported to the service.

2. Mini USB type B connector.
3. Terminal for connecting the KNX bus.

Connection diagram