

Features

- The M/USB.1 is a KNX-USB interface for galvanic isolated bidirectional access to the bus line via integrated USB connector for: Commissioning, Addressing, Setting parameters, Visualisation, Protocol, Diagnostic operations on bus devices.
- With this KNX-USB interface, you have the possibility to address every bus device in the bus system. The communication protocol is used for communication between the PC - USB interface and KNX BUS TP1.
- The connection between KNX and PC running standard software like ETS, EITT and other software is handled by the FALCON driver.

Important Notes

- **Cable Connections** – Do not get wrong connection for Black and Red wires
- **Voltage** - The input of voltage must be between 21-30VDC.

Installation Steps

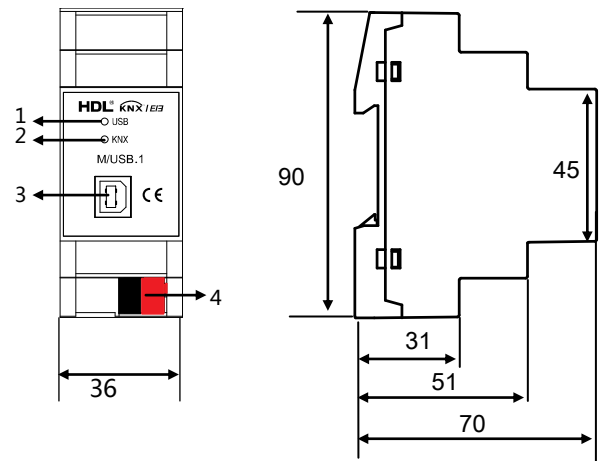
- Make sure the Bus cable type is correct and has no short circuit
- Connect bus cables. Make sure the wire color complies with the definition.

Product Specifications

- **Bus Voltage:** 21-30V DC
- **PC-side:** USB device is powered from USB
- **Bus Interface:** KNX/EIB
- **BUS Current:** <10mA
- **KNX Terminal:** Wago 243 (Red /Grey) 0.75 – 0.85mm single core cable
- **USB-connector:** USB- connector
- **KNX cable:** 0.75 – 0.85mm single core cable
- **Certification:** KNX-certified, CE
- **Installation:** Standard 35mm Din rail
- **Weight:** 70 g
- **Construction Dimensions:** H90mm x W36mm x D70
- **Housing Material:** Plastic PA66
- **Working Temperature:** -5°C~45°C
- **Working Relative Humidity:** 10%~98%
- **Storage Temperature:** -20°C~60°C
- **Storage Relative Humidity:** 5%~93%
- **IP class:** IP20

Type

M/USB.1



1. LED for USB connection (yellow: USB connection OK, off: no connection)
2. LED for KNX connection (yellow: KNX connection OK, off: no connection, or no USB connection)
3. USB connector
4. KNX-Bus connector



- When connecting the M/USB.1 ensure that it can be isolated.
- The M/USB.1 housing must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.
- Do not make wrong connection on KNX/EIB interface, it will damage the Bus interface of this interface module
- Do not get AC220V voltage into KNX/EIB wire, it will damage all devices in the system.
- Never let liquid get into module, it will damage this device