CHARACTERISTICS

- DIN rail unit assembly (EN 50022), with snap fit clamp.
- Size 90 x 36 x 71mm.
- Long messages up to 228 byte length.
- USB 2.0.
- Low current consumption.
- Easy usage.
- No external power supply required.
- KNX and USB Status LED.
- KNX BCU integrated.
- CE directives compliant.

1-USB LED   **2**-KNX LED   **3**-USB Connector   **4**-DIN rail   **5**-KNX Connector

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USB LED - It will stay ON while the device is connected via USB to the computer.
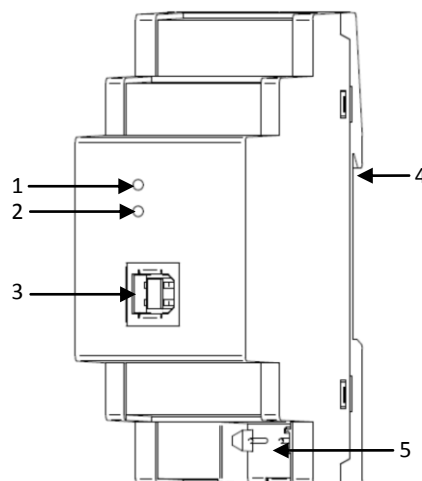**LED KNX** - It will blink each time a frame is sent through the KNX bus connected to the device.

Figure 1. Zennio KNX USB Interface

GENERAL SYSTEM SPECIFICATIONS

CONCEPT		DESCRIPTION
Type of device		Electric Operation Control Device
KNX Supply	Voltage	29V DC SELV
	Voltage range	21… 30V DC
	Power consumption	Max. 10mA
	Bus connection	Typical BUS connector TP1, 0,50 mm² section
USB LED Status		Indicates the USB connection status (yellow, connection established)
KNX LED Status		Indicates traffic between the PC and the KNX bus
Ambient Temperature		from 0ºC to +45ºC
Storage Temperature		from -20º C to +60º C
Ambient Humidity		from 5 to 93% RH (No condensation)
Storage Humidity (relative)		from 5 to 93% RH (No condensation)
Complementary Characteristics		Class B
Safety Class		II
Operation Type		Continuous operation
Device Action Type		Type 1
Electrical solicitations period		Long
No. of Automatic cycles per auto action		100.000
Type of Protection		IP20, clean environment
Assembly		Independent control assembly device to be mounted inside of electrical panels with DIN rail (EN 50022).
Weight		70 gr.
PCB CTI index		175 V

SAFETY INSTRUCTIONS

- Do not connect Mains Voltage (230 V) or any other external voltages to any point of the BUS. Connecting an external voltage might put the entire KNX system at risk.
- Make sure during the installation that there is always sufficient insulation between the mains voltage 230V and the bus or the extension inputs.
- Keep away from water or humidity.