

EIB/KNX 8-ch universal interface technical specification

Applicable Model:

8-ch universal interface (VX/BI-08/3.3V)

KNX international standard home and building control system

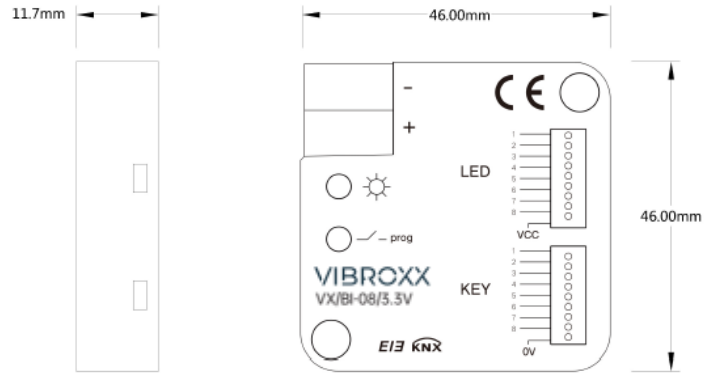
Product Features

- Switch function
- Dimming function
- Shutter function
- Recall and scene save function
- Fixed value sending function
- Shift register
- LED status indication

Technical parameter

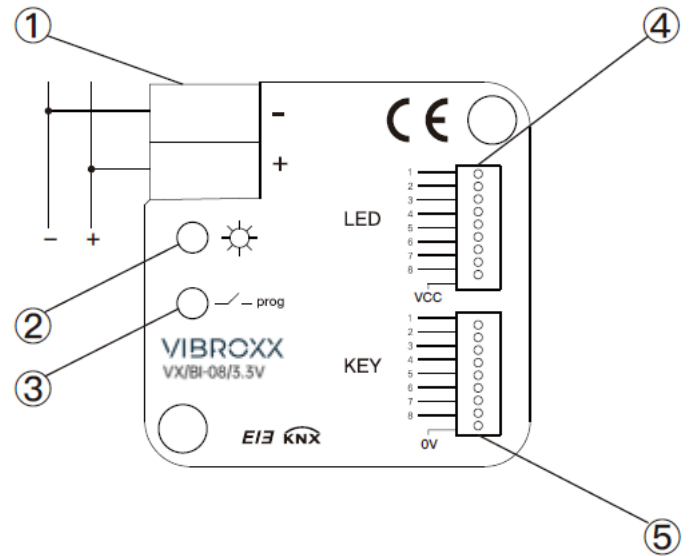
Power	Operating Voltage	21~30V DC, provided by bus
	Working current	<12mA
	Standby power consumption	<360mW
Input	8 channels	Suitable for screw terminal connections
LED output	8 LED indications	Common cathode connection
	Output current	1mA
Connection	EIB/KNX	Bus connection terminal (black/red)
	Output	screw terminal
	Wire diameter	0.5-4mm ²
	Torque	0.8Nm
Operation and Instructions	Program keys	The buttons on the front of the module are used to program the physical address
	Red indicator	The red light indicates entering programming mode
	Green light	Blinking green means the device is operating normally
Temperature range	Operation	- 5 °C ... + 45 °C
	Storage	- 25°C...+55°C
	Transportation	- 25 °C ... + 70 °C
Environmental conditions	Humidity	<93%, except condensation
Installation	Standard 86mm installation box or 60 square box, the depth of the junction box is at least 50mm. If there is a panel, it is recommended to use 70mm, which is related to the actual wiring connection.	

Dimensions



Model	Size	Weight
VX/BI-08/3.3V	46 x 46 x 11.7mm	About 0.1KG

Wiring diagram



Instruction

- ① KNX / EIB bus connection terminal
- ② Program LED
- ③ Program button
- ④ LED terminal holder
- ⑤ Dry contact terminal holder

Installation Notes

This device is suitable for installation in a traditional 86-box or 60-square box. The depth of the junction box is at least 50mm, and 70mm is recommended when there is a panel, which is related to the actual wiring connection. During installation, it must be ensured that the equipment is operated, tested, inspected, maintained and repaired correctly.

Important hint

Installation and commissioning of equipment should only be performed by qualified and skilled electricians. The relevant standards, directives, rules and directives are strictly enforced during the planning and implementation of electrical installations.

- The device needs to be protected from moisture, dirt and damage during transportation, storage and use.
- Do not operate the device outside of specified specifications (eg, temperature range).
- The device may only be operated in a closed environment (eg junction box). When the equipment is dirty, only use a dry cloth to clean it. If this is not enough to clean, you can use a damp cloth with a little soap solution to gently wipe. Never use alkaline agents or corrosive solvents.