

EIB/KNX 6-ch universal interface technical specification

Applicable Model:

6-ch universal interface (VX/BI-06/3.3V)

KNX international standard home and building control system

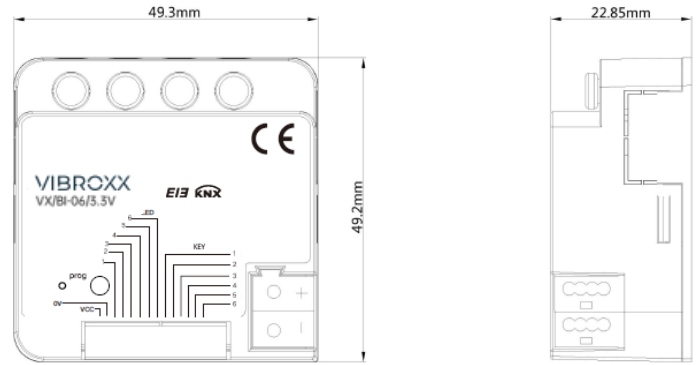
Product Features

- Dry contact input scan
- Switch and dimming function
- Shutter function
- Recall and scene save function
- Fixed value sending function
- LED status indication

Technical parameter

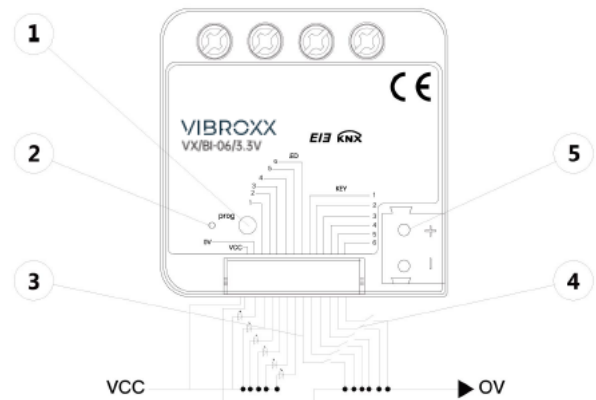
| | | |
|----------------------------|--|---|
| Power | Operating Voltage | 21~30V DC, provided by bus |
| | Working current | <12mA |
| | Standby power consumption | <360mW |
| Input | 8 channels | Suitable for screw terminal connections |
| | LED output | 8 LED indications |
| LED output | Output current | 1mA |
| | Connection | EIB/KNX |
| Connection | Output | Bus connection terminal (black/red) |
| | Output | screw terminal |
| | Wire diameter | 0.5-4mm ² |
| | Torque | 0.8Nm |
| | Operation and Instructions | Program keys |
| Operation and Instructions | 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-06/3.3V | 49.3 x 49.2 x 22.85mm | About 0.1KG |

Wiring diagram



Instruction

- 1) Program button
- 2) Program LED, Red indicates the device is in physical address assignment mode, and blinking green indicates the device is running properly
- 3) LED and button terminal holder
- 4) LED and button terminal holder
- 5) KNX / EIB bus connection terminal

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.