VIBROXX

EIB/KNX switch module technical specification

Applicable Model:

VX/SW-04/16A

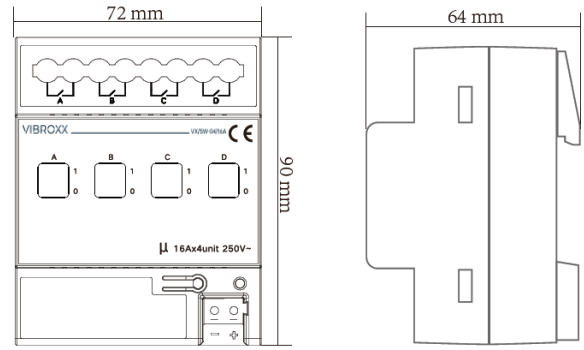### KNX/EIB residential and building intelligent control system

Product Features

● Manual control switch
● Time function: delay on/off time
● Scene, preset control: 8bit/1bit
● With "and", "or", "exclusive or", gate function and other logic functions
● Status value query reply
● Mandatory operation, safety function
● Threshold function
● Control of Electrothermal Valve Driver
● Relay switch position selection after bus voltage disconnection and recovery
● Output negated
● Stair lighting function with early warning and adjustable stair lighting time

The device does not require additional supply voltage to operate and is powered directly through the EIB/KNX bus.
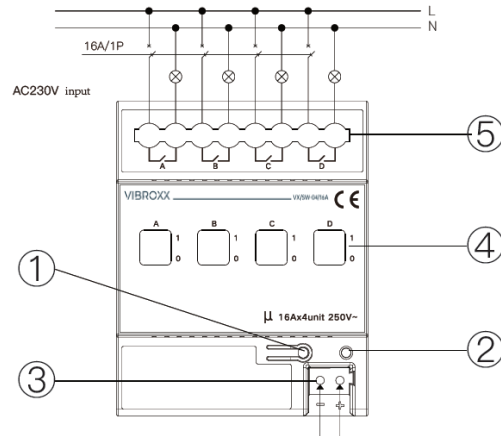
Technical parameter

Power supply		
	-Operating Voltage	21~30V DC , provided by bus
Output normal value	-Type	KG
	- The number of outputs	4
Output switch current	—Un rated voltage	250V/440V AC (50~60Hz)
	—According to AC1 (EN60947-4-1) (resistive load) 20A/230V	
	—According to AC3 (EN60947-4-1) (capacitive load) 16A/230V	
	— Fluorescent lamp loads according to EN60669 16A/230V	
Connection	—EIB/KNX	Bus connection terminal (diameter 0.8mm)
	—Load output connection terminal	screw terminal
	-Cable cross section	single core 0.2—6.0mm2 Multi-core 0.2—4mm2
Operation and instructions	- Contact position indication	Contact closed - channel open
		Contact Released - Channel Closed
	- Red LED and keys	Allocate physical addresses
	— Green LED flashes	Indicates that the device application layer is working properly
Temperature range	-Operation	–5 °C ... + 45 °C
	-Storage	–25 °C ... + 55 °C
	-Transportation	– 25 °C ... + 70 °C
Environmental conditions	-Humidity	<93%, except condensation
Design	—DIN rail module assembly 35mm DIN rail, modular installation	
CE standard	— Complies with EMC and low voltage standards, EN50 090-2-2	
Certificate	—EIB/KNX certification	

Dimensions

Model	Size	Weight
VX/SW-04/16A	72x90x64mm	0.24kg

Wiring diagram

Instruction

1 Programming button

2 The red LED indicates entering the physical address programming state, and the green LED flashes to indicate that the device application layer is working properly

3 EIB/KNX bus connection terminal

4 Manual operation switch

5 Input, output, load terminals

Installation instructions

In order to facilitate and quickly install this equipment into the distribution box or small box, according to EN 60715The series is designed as a modular mounting device that can be mounted on 35mm D-rails. During installation, it must be ensured that the equipment is operated, tested, inspected, maintained and repaired correctly.

Important notification

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.

● Devices need 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 can only be operated in a closed environment (eg distribution 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.