

EIB/KNX 28 fold 10A Switch module technical specification

Applicable Model:

VX/MFA-28/10A

KNX/EIB Home and building intelligent control system

Product Features

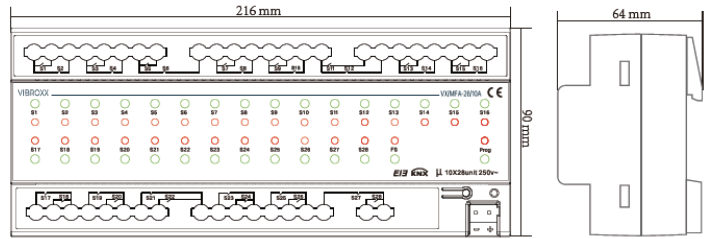
- Manual control switch
- Time function: Delay on/off time
- Scene, preset control: 8 Bit/ 1 Bit
- Status value query reply
- Threshold function
- Control of electric heating valve driver
- Relay switch position selection after bus voltage is disconnected and restored
- Inverted output
- Stair lighting function with warning and adjustable stair lighting time

No additional power supply voltage is required for the operation of the equipment, directly through EIB/KNX Bus powered.

Technical parameter

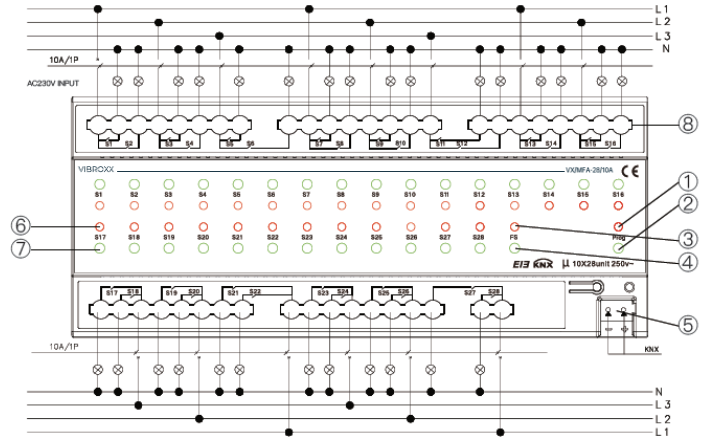
Power	- Operating Voltage	21-30V DC, Provided by the bus
	Output normal value	- type 0416.1
Output switch current	- Output quantity	28
	- Un Rated voltage	250V/440V AC (50-60Hz)
	- meets the AC1(EN60947-4-1) (Resistive load)	10A/230V
	- meets the AC3(EN60947-4-1) (Capacitive load)	10A/230V
Connection	- EIB / KNX	Bus connection terminal (diameter 0.8mm)
	- Load output connection terminal	Screw terminal
Operation and instructions	- Cable cross section	Single core 0.2-6.0mm ²
	- Contact position indication	Multi-core 0.2-4mm ² Contact closed-channel open
	- Red led button	Contact release-channel closed
	- green led Flashing	Assign physical address Indicates that the device application layer is working properly
Temperature range	- Run	- 5 °C ... + 45 °C
	- Storage	- 25 °C ... + 55 °C
Environmental conditions	- transportation	- 25 °C ... + 70 °C
	- Humidity	<93%, Except for condensation
Design	- DIN Rail module components	35mm Ding rail, modular installation
	- meets the EMC And low voltage standards, EN50 090-2	
CE standard	- EIB/KNX	
Certification	- Certification	

Dimensions



Model	Size	Weight
VX/MFA-28/10A	216x 90 x 64mm	0.74kg

Wiring diagram



Instruction

- 1 Programming led Indicator light, red led indicate entering the physical address programming state, green led flashing indicates that the device application layer is working properly.
- 2 Programming button
- 3 Manual mode and automatic mode switching instructions led light
- 4 Manual mode and automatic mode switch button
- 5 KNX Terminals
- 6 Relay status indicator
- 7 Relay control button
- 8 Output/load terminal

Installation Notes

This equipment can be quickly installed in the distribution box or small box for convenience, according to EN 60715 The series is designed into a mold Block installation equipment, which can be installed in 35 Mm Ding rails. During installation, it must be ensured that the equipment operation, testing, inspection, maintenance, and repair are correct.

Important hint

Installation and commissioning of equipment can only be operated by qualified and skilled electricians. In the process of planning and implementing electrical installations

Relevant standards, directives, rules and instructions must be strictly implemented.

- It is necessary to prevent the device from being damp, dirty and damaged during transportation, storage, and use.
- Do not make the device run outside the specified technical indicators (such as temperature range).
- The device can only be operated in a closed environment (such as a distribution box).

When the equipment is dirty, only use a dry cloth to clean it. If this is not enough to clean, you can wipe gently with a damp cloth dampened in a soap solution. Never use alkaline agents or corrosive solvents.