



VIBROXX

SMART BUILDING CONTROL SYSTEM

Smart Switches. Actuators. Dimmers. Sensors.

VIBROXX is a leading brand in the field of smart building control systems, with a focus on the KNX standard. VIBROXX has the specialization of designing KNX based products with highly professional and technically equipped team.

VIBROXX design the solution not the products for residential and commercial buildings with its technical expertise

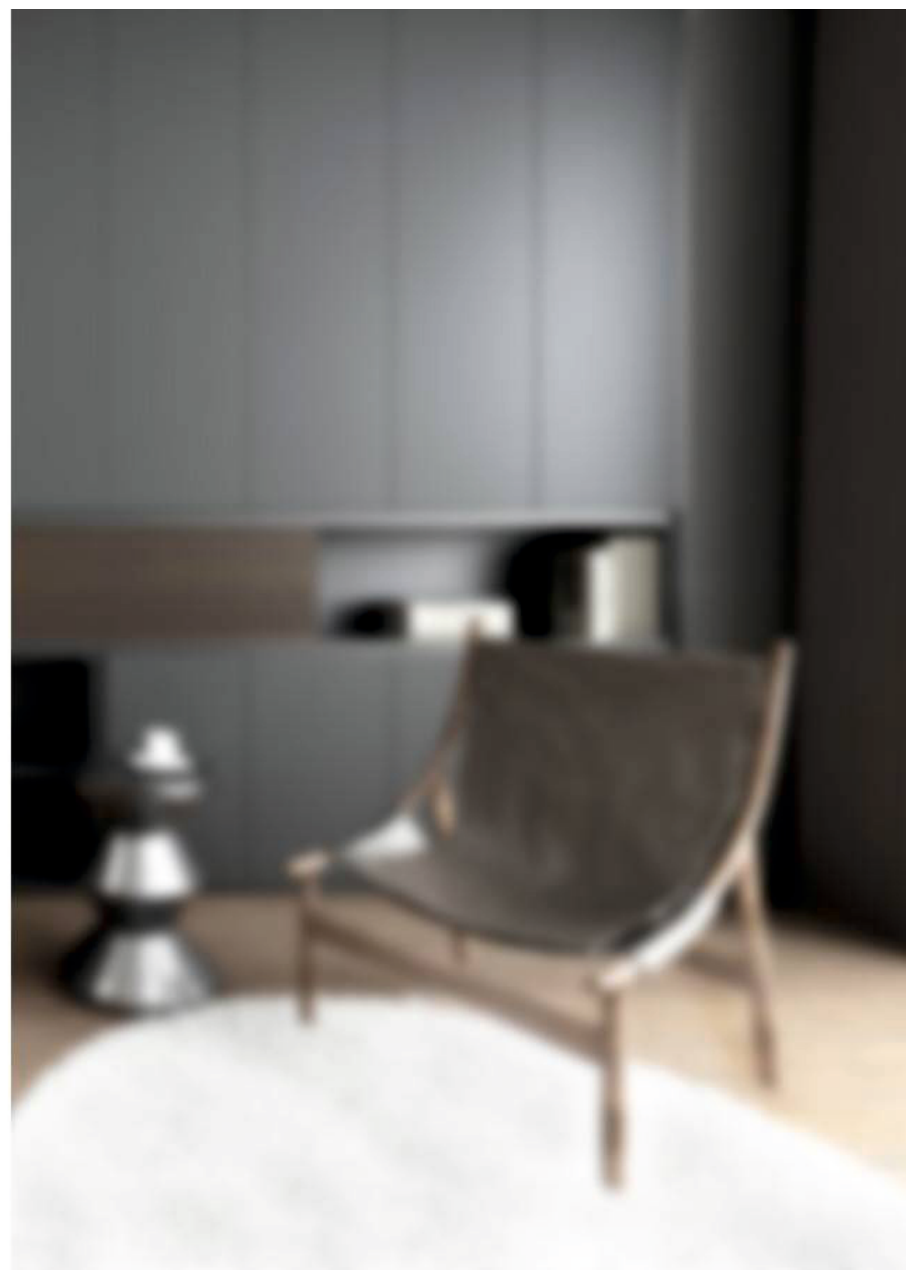
At the heart of VIBROXX offering some unique products in the category of actuators and switches, making it possible to offer comprehensive control and management capabilities for buildings of all types.

In addition to its innovative product offerings, VIBROXX has a strong commitment to customer service. The company provides a range of support options for its customers, including advance installation, after-installation, and customized installation services. This ensures that customers get the support they need to make the most of their smart building control system, regardless of their individual needs and requirements.

In conclusion, VIBROXX is a brand that is committed to making smart building control accessible and convenient for everyone. With a focus on innovation, customer service, and quality, VIBROXX is well-positioned to continue leading the way in the smart building control space for years to come.

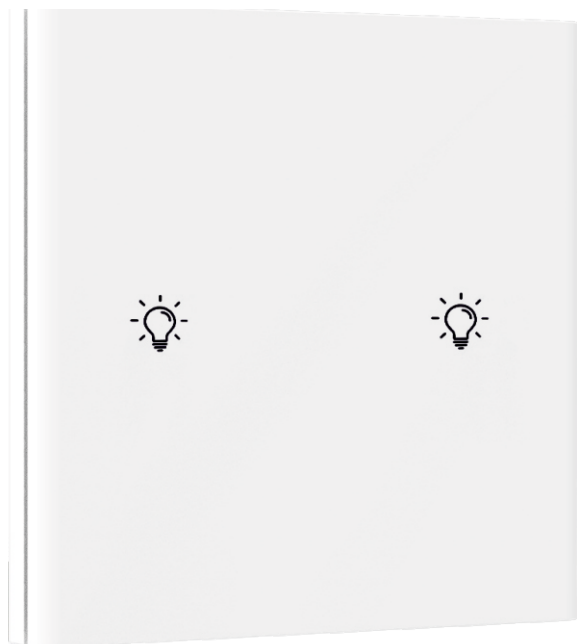
"Take control of your home or building with the latest technology from VIBROXX. Our KNX Solution is the perfect solution for smart control, energy efficiency, and sustainable living. With our state-of-the-art technology, you can easily manage and automate your lighting, heating, and cooling systems with just a touch of a button. Experience the future of smart home and building control with VIBROXX KNX smart solution. Start your journey towards a smarter, more efficient, and sustainable lifestyle today.





Front-end Devices

(Keypads)



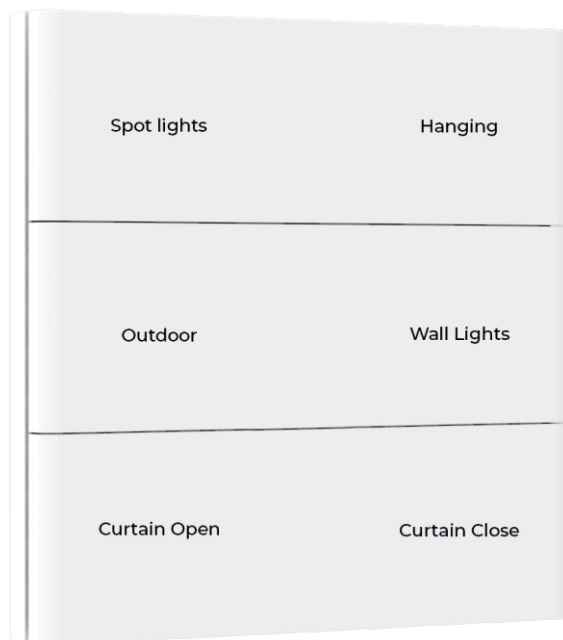
Technical Specification :

Power Supply	KNX Bus voltage : 21~30VDC, via the EIB bus Current consumed through the bus : <=12mA Power consumed through the bus : <360mW
Auxiliary Power Supply	Auxiliary bus voltage : 21~30VDC Current consumed through the auxiliary power supply : - power consumed through the auxiliary power supply : -
Relay output	Channel number : Up to 4 channels Nominal voltage : 230VAC(50/60Hz) Rated current : 10A/Channel Maximum total power : <2500W Mechanical life : >1x10 ⁶ Electrical life : >2.5x10 ⁵
Wiring	EIB/KNX Bus : Terminal connection (Red/Black) Monitor out : 0.8mmØ, Use screw wiring, copper column connection Wire diameter : 0.5-4mm ² Torsional moment : 0.8N-m
Operations and instructions	Programming keys : Used for device programming physical address and diagnosis Red indicating light : Instructs the device to enter programming mode Green indicating light : Instructs the device to enter operation mode
Level of protection	Level of protection : IP 20
Temperature range	Running temperature : (-5°C.....+45°C) Storage temperature : (-25°C.....+55°C) Transport Temperature : (-25°C.....+70°C)
Environmental Conditions	Ambient humidity : Maximum air humidity <93%, except for condensation
Install	Installation : A standard 86-box installation is used
Dimension	86mm x 86mm

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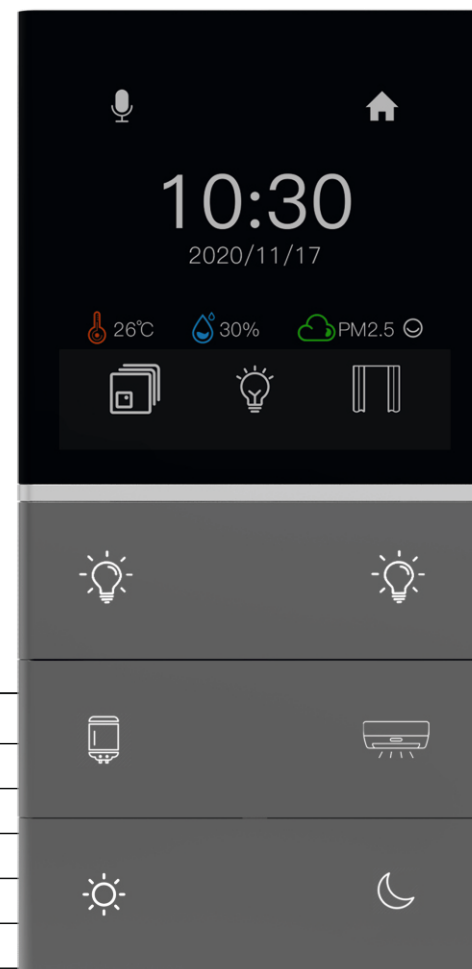


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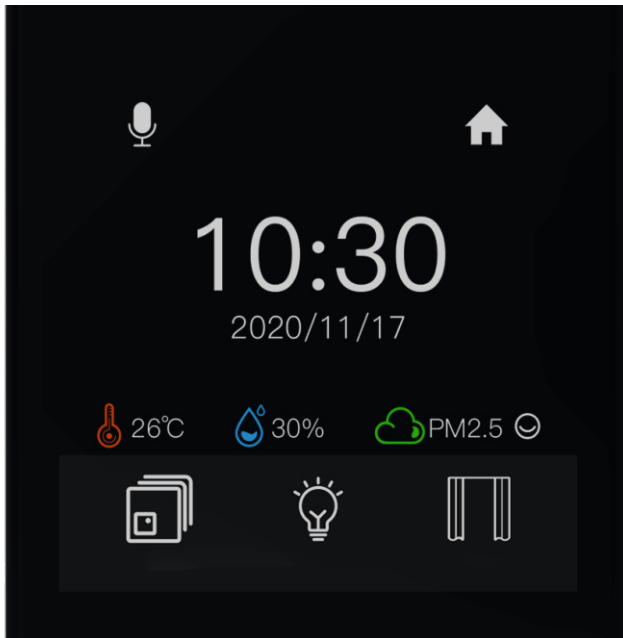
Technical Specification :

Operating Voltage - 21-30V DC
Auxiliary voltage - 21-30V DC
Working current - < 12mA
Standby power - < 360mW
Power consumption - <3.6W(S4)
Operating temperature - 5°C ~ +45°C
Environmental conditions - <80%, no condensation
Installation method - Standard 86 box wall mounting method



Intelligent temperature control panel has many functions and can be applied to a variety of application fields ,

- 1) Three-in-one temperature control function, support fan coil control.
- 2) Custom temperature control screen interactive display content.
- 3) Support touch or button vibration, buzzer beeping prompt feedback, vibration intensity can be customized modification.
- 4) Switch and Dimming function.
- 5) Shutter function.
- 6) Send value function.
- 7) Recall and Store scene function.
- 8) Shift register function.
- 9) RGB and RGBW dimming function.
- 10) Keystroke multiple operations.
- 11) Send values with a delay (Such as switch value, dimming value).
- 12) LED Interactive indication function.
- 13) 8 logical functions.
- 14) 8 groups of scene function (Each group comes with eight configurable outputs) .
- 15) Switch output control (Equipment with up to 4 relay switch control output).
- 16) Proximity induction linkage control, configurable indicator light linkage display induction state.
- 17) Temperature and humidity sensor parameters display and equipment linkage control, gas sensor data display and state abnormal alarm.
- 18) Voice function, can be configured to link other KNX devices or local actuators.



Technical Specification :

Operating Voltage - 21-30V DC

Auxiliary voltage - 21-30V DC

Working current - < 12mA

Standby power - < 360mW

Power consumption - <3.6W(S4)

Operating temperature - 5°C ~ +45°C

Environmental conditions - <80%, no condensation

Installation method - Standard 86 box wall mounting method

Features :

- 1)Various control methods of voice and touch screen buttons.
- 2)Bus control functions such as switch, dimming, curtain, scene, temperature control, etc.
- 3)Voice and touch screen control of air conditioner, fresh air and floor heating.
- 4)Background music host device control.
- 5)Built-in sensor linkage, data display.
- 6)RGB and color temperature display control adjustment.
- 7)Background theme setting, screen saver, display brightness adjustment.
- 8)Time and date display, multi-language setting.
- 9)Modification of navigation lights, scenes and other icons, modification of background image and screen saver.
- 10)SD card upgrade configuration device function display.
- 11)Multiple key input channels, which can be customized for key functions, and can be modified as lighting or scene control linkage bus devices.

Backend Devices

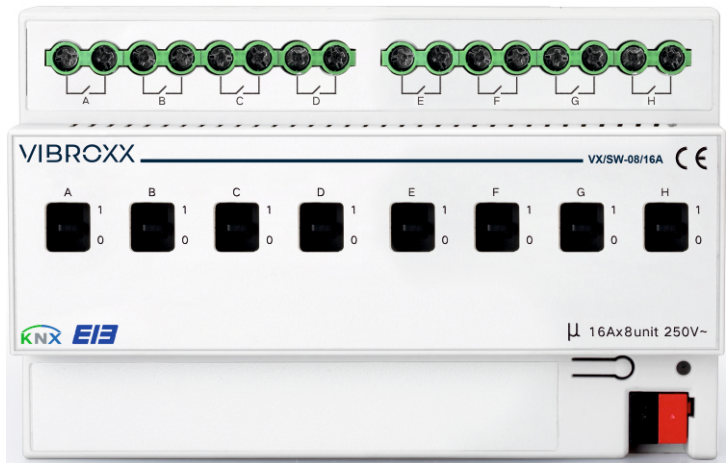


VX/SW-04/16A

Technical Specification :

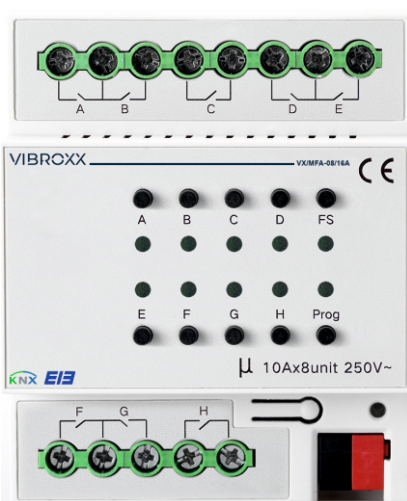
Power	Operating Voltage	21~30V DC, Provided by the bus
Output Normal Value	Type The number of outputs Un Rated voltage	KG 4 250V/440V AC (50~60Hz)
Output Switch Current	According to AC1 (EN60947-4-1) (resistive load) 20A/230V According to AC3 (EN60947-4-1) (capacitive load) 16A/230V Fluorescent lamp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

VX/SW-08/16A



Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
Output Normal Value	Type The number of outputs Un Rated voltage	KG 8 250V/440V AC (50~60Hz)
Output Switch Current	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	
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Operations and instructions	Contact position indication Red LED and keys Green LED Flashes	Contact closed - channel open Contact Released - Channel Closed Allocate physical addresses Indicates that the device application layer is working properly
Temperature range	Operation Storage Transportation	-5°C ... +45°C -25°C ... +55°C -25°C ... +70°C
Environmental Conditions	Humidity	<93%, except condensation
Design	DIN Rail module components	35mm Ding rail, modular installation
CE Standard	Complies with EMC and low voltage standards, EN50 090-2-2	
Certification	EIB/KNX Certification	

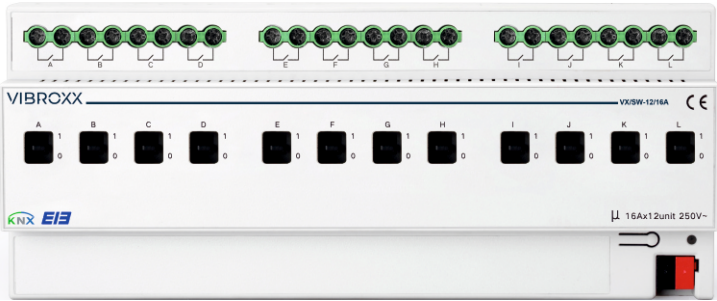


VX/MFA-08/16A

Technical Specification :

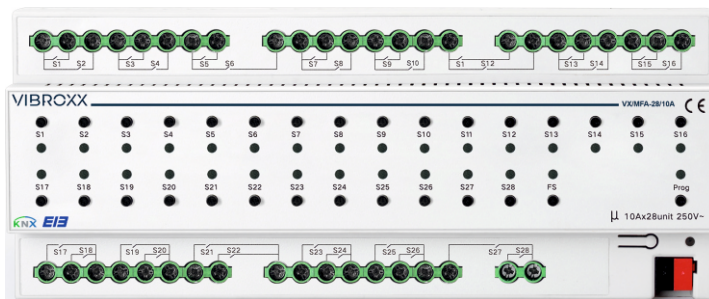
Power	Operating Voltage	21~30V DC, Provided by the bus
Output Normal Value	Type The number of outputs Un Rated voltage	KG 8 250V/440V AC (50~60Hz)
Output Switch Current	According to AC1 (EN60947-4-1) (resistive load) 10A/230V According to AC3 (EN60947-4-1) (capacitive load) 10A/230V Fluorescent lamp loads according to EN60669 10A/230V	
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Operations and instructions	Contact position indication Red LED and keys Green LED Flashes	Contact closed - channel open Contact Released - Channel Closed Allocate physical addresses Indicates that the device application layer is working properly
Temperature range	Operation Storage Transportation	-5°C ... +45°C -25°C ... +55°C -25°C ... +70°C
Environmental Conditions	Humidity	<93%, except condensation
Design	DIN Rail module components	35mm Ding rail, modular installation
CE Standard	Complies with EMC and low voltage standards, EN50 090-2-2	
Certification	EIB/KNX Certification	

VX/SW-12/16A



Technical Specification :

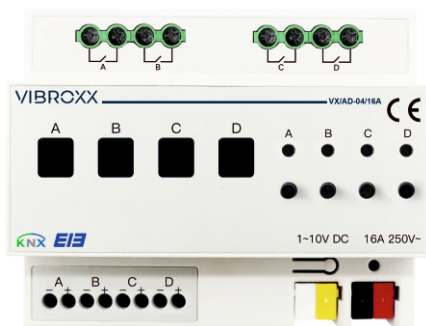
Power	Operating Voltage	21~30V DC, Provided by the bus
Output Normal Value	Type The number of outputs Un Rated voltage	1216.1 12 250V/440V AC (50~60Hz)
Output Switch Current	According to AC1 (EN60947-4-1) (resistive load) 20A/230V According to AC3 (EN60947-4-1) (capacitive load) 16A/230V Fluorescent lamp loads according to EN60669 16A/230V	
Connection	EIB / KNX Load output connection terminal Cable cross section	Bus connection terminal (diameter 0.8mm) Screw terminal Single core0.2—6.0mm2 Multi-core0.2-4mm2
Operations and instructions	Contact position indication Red LED and keys Green LED Flashes	Contact closed - channel open Contact Released - Channel Closed Allocate physical addresses Indicates that the device application layer is working properly
Temperature range	Operation Storage Transportation	-5°C ... +45°C -25°C ... +55°C -25°C ... +70°C
Environmental Conditions	Humidity	<93%, except condensation
Design	DIN Rail module components	35mm Ding rail, modular installation
CE Standard	Meets the EMC and low voltage standards,EN50 090-2-2	
Certification	EIB/KNX Certification	



Technical Specification :

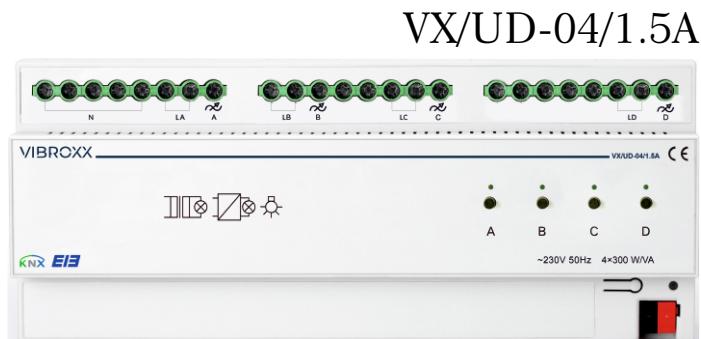
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Operations and instructions	Contact position indication Red LED and keys Green LED Flashes	Contact closed - channel open Contact Released - Channel Closed Allocate physical addresses Indicates that the device application layer is working properly
Temperature range	Operation Storage Transportation	-5°C ... +45°C -25°C ... +55°C -25°C ... +70°C
Environmental Conditions	Humidity	<93%, except condensation
Design	DIN Rail module components	35mm Ding rail, modular installation
CE Standard	Meets the EMC and low voltage standards, EN50 090-2-2	
Certification	EIB/KNX Certification	

VX/AD-04/16A



Technical Specification :

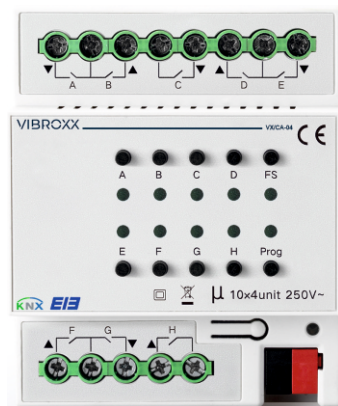
Power	KNX Bus Voltage	21~30VDC, obtained through EIB bus
	Current drawn through the bus	<12mA
	Power dissipated through the bus	<360mW
Output Normal Value	Number of dimming channels	4-ch
	The output voltage	1~10VDC (absorbing type), each output max.100mA
	Output contact switch current	16A/250V AC, maximum allowable working current 10A/250V (140μF) under fluorescent lamp load
Wiring	EIB/KNX bus	Terminal connection (red/black)
	Output terminal	16 screw terminals, 8 terminals for 4 channels 1~10V common ground and 1~10V output, 8 terminals switch for 4 channels
	Wire diameter	.5-4mm ²
	Torque	.8Nm
Operations and instructions	Program keys	Used for device programming physical address and diagnostics
	Red Indicator	Instructs the device to enter programming mode
	Green Light	Instructs the device to enter run mode
Protection class	Protection class	IP 20, EN 60 529
Temperature range	Operating temperature	-5°C ... +45°C
	Storage temperature	-25°C ... +55°C
	Transport temperature	-25°C ... +70°C
Environmental Conditions	Environment Humidity	Maximum air humidity <93%, except condensation
Install	Standard 35mm DIN rail mounting	



VX/UD-04/1.5A

Technical Specification :

Power	KNX Bus Voltage	21~30VDC, obtained through EIB bus
	Current drawn through the bus	<12mA
	Power dissipated through the bus	<360mW
Input	Input voltage	230VAC (50/60Hz)
Output Normal Value	Number of dimming channels	4-ch/2-ch/1-ch
	The output voltage	230VAC (50/60Hz)
	Maximum output power per channel	300W
Wiring	EIB/KNX bus	Terminal connection (red/black)
	Output terminal	16 screw terminals, 8 terminals for 4 channels 1~10V common ground and 1~10V output, 8 terminals switch for 4 channels
	Wire diameter	.5-4mm ²
	Torque	.8Nm
Operations and instructions	Program keys	Used for device programming physical address and diagnostics
	Red Indicator	Instructs the device to enter programming mode
	Green Light	Instructs the device to enter run mode
Protection class	Protection class	IP 20, EN 60 529
Temperature range	Operating temperature	-5°C ... +45°C
	Storage temperature	-25°C ... +55°C
	Transport temperature	-25°C ... +70°C
Environmental Conditions	Environment Humidity	Maximum air humidity <93%, except condensation
Install	Standard 35mm DIN rail mounting	

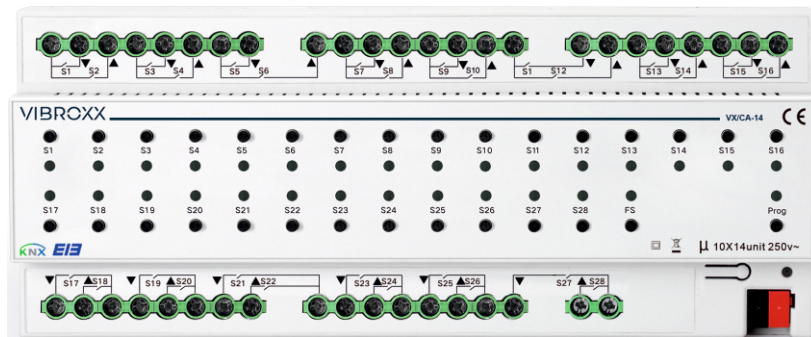


VX/CA-04

Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
Output Normal Value	Type	0416.1
	The number of outputs	4
	Un Rated voltage	250V/440V AC (50~60Hz)
Output Switch Current	Meets the AC1(EN60947-4-1)(resistive load)	10A/230V
	Meets the AC3(EN60947-4-1)(capacitive load)	10A/230V
	Meets the EN60669 load of fluorescent lamps	10A/230V
Connection	EIB / KNX	Bus connection terminal (diameter 0.8mm)
	Load output connection terminal	Screw terminal
	Cable cross section	Single core0.2—6.0mm2 Multi-core0.2-4mm2
Operations and instructions	Contact position indication	Contact closed - channel open Contact Released - Channel Closed
	Red LED and keys	Allocate physical addresses
	Green LED Flicker	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 Ding rail, modular installation	
CE Standard	Meets the EMC and low voltage standards, EN50 090-2-2	

VX/CA-14



Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
Output Normal Value	Type The number of outputs Un Rated voltage	0416.1 14 250V/440V AC (50~60Hz)
Output Switch Current	Meets the AC1(EN60947-4-1)(resistive load) Meets the AC3(EN60947-4-1)(capacitive load) Meets the EN60669 load of fluorescent lamps	10A/230V 10A/230V 10A/230V
Connection	EIB / KNX Load output connection terminal Cable cross section	Bus connection terminal (diameter 0.8mm) Screw terminal Single core0.2—6.0mm2 Multi-core0.2-4mm2
Operations and instructions	Contact position indication Red LED and keys Green LED Flicker	Contact closed - channel open Contact Released - Channel Closed Allocate physical addresses Indicates that the device application layer is working properly
Temperature range	Operation Storage Transportation	-5°C ... +45°C -25°C ... +55°C -25°C ... +70°C
Environmental Conditions	Humidity	<93%, except condensation
Design	DIN rail module Assembly, 35mm Ding rail, modular installation	
CE Standard	Meets the EMC and low voltage standards, EN50 090-2-2	

VX/PS/960



- 3 channel output : 2 way 30VDC, 1 way 12VDC
- Power indicator : Support five sets of output power indicator, 80mA, 160mA, 320mA, 640mA, 960mA
- Overload protection : When the output load is overloaded, it will be cut off and indicated by the light.
- Short circuit protection : When the signal bus output short circuit, the output is cut off and indicated by the indicator light
- Bus reset : Press the reset button to trigger a bus reset.

Technical Specification :

Input voltage: 180-264V AC (47-63Hz)

Output voltage: 30V DC (2 way : 1 way signal bus, 1 way assist power supply)
12V DC(1 way)

Output current: 30VDC 2 way total <=960mA 12V DC<=500mA

Channel number: 3 channel

Size: 71.5 x 90 x 64mm

Working temprature: -5°C+45°C

Working humidity: 10%~95% ,non-condensing

Installation: Standard 35mm DIN rail



6 Channel Universal Interface

VX/BI-06/3.3V

VX/BI-08/3.3V

Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
	Working Current	<12mA
	Standby Power Consumption	<360m
Input	8 Channel	Suitable for screw terminal connections
LED Output	8 LED indications Output current	Common cathode connection 1mA
Connection	EIB/KNX Output Wire diameter Torque	Bus connection terminal (black/red) screw terminal 0.5-4mm ² 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	



VX/RMFA-03/10A

Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
	Working Current	<12mA
	Standby Power Consumption	<360m
Input	6 Channel	Suitable for screw terminal connections
LED Output	6 LED indications Output current	Common cathode connection 1mA
Connection	EIB/KNX Output Wire diameter Torque	Bus connection terminal (black/red) screw terminal 0.5-4mm ² 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	

- 3-ch imported 16A magnetic latching relay, strong anti-surge current.
- 6-ch dry contact input. Switch and dimming functions, shutter functions, recall and store scene functions, fixed value sending, etc.
- 6-ch LED indication, any switch such as electronic switch, dry contact can be connected; easy installation, traditional electrician can also work without changing the line, and can be used directly by connecting the original line.
- Ultra-small size, 86-type traditional electrician bottom box installation.



VX/RMFA-02/10A

Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
	Working Current	<12mA
	Standby Power Consumption	<360m
Input	6 Channel	Suitable for screw terminal connections
LED Output	6 LED indications Output current	Common cathode connection 1mA
Connection	EIB/KNX Output Wire diameter Torque	Bus connection terminal (black/red) screw terminal 0.5-4mm ² 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	

- 2-ch imported 16A magnetic latching relay, strong anti-surge current.
- 6-ch dry contact input. Switch and dimming functions, shutter functions, recall and store scene functions, fixed value sending, etc.
- 6-ch LED indication, any switch such as electronic switch, dry contact can be connected; easy installation, traditional electrician can also work without changing the line, and can be used directly by connecting the original line.
- Ultra-small size, 86-type traditional electrician bottom box installation.



VX/RMFA-01/10A

Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
	Working Current	<12mA
	Standby Power Consumption	<360m
Input	6 Channel	Suitable for screw terminal connections
LED Output	6 LED indications Output current	Common cathode connection 1mA
Connection	EIB/KNX Output Wire diameter Torque	Bus connection terminal (black/red) screw terminal 0.5-4mm ² 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	

- 1-ch imported 16A magnetic latching relay, strong anti-surge current.
- 6-ch dry contact input. Switch and dimming functions, shutter functions, recall and store scene functions, fixed value sending, etc.
- 6-ch LED indication, any switch such as electronic switch, dry contact can be connected; easy installation, traditional electrician can also work without changing the line, and can be used directly by connecting the original line.
- Ultra-small size, 86-type traditional electrician bottom box installation.



VX/MFS-01

Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
	Current Consumption	Max. 12mA
	Power Consumption	Max. 360mW
Connection	EIB/KNX	Bus connection terminal connection
Operation and Instructions	Red LED and key button	Allocate physical addresses
	Blinking green LED	Indicates that the device is working properly
Sensing Distance	Diameter	The maximum sensing range is 2 times the installation height
Temperature range	Operation	- 5 °C ... + 45 °C
	Storage	- 25°C...+55°C
	Transportation	- 25 °C ... + 70 °C
Environmental conditions	Humidity	<93%, except condensation
Installation	Ceiling installation, fixed with the left and right shrapnel on the Sensor	



VX/RUD-01/1A

Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
	Working Current	<12mA
	Standby Power Consumption	<360m
Input	6 Channel	Suitable for screw terminal connections
Output	channel	1-ch dimming output
	Rated voltage	220V AC
	Load capacity	200W (resistive load)
Connection	EIB/KNX Output	Bus connection terminal (black/red) screw terminal, wire diameter0.5-4mm ² , torque0.8Nm
Operation and Instructions	Programming keys and red led	The button on the front of the module is used to program the physical address, and the red indicator light indicates entering programming mode, and flashing 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	

IP Interface VX/IP/IF



Technical Specification :

Power	Operating Voltage	21~30V DC, Provided by the bus
	Working Current	<12mA
	Standby Power Consumption	<360m
Connection	EIB/KNX	Bus connection terminal (black/red)
	Auxillary Power Supply	Bus connection terminal (gray/yellow)
	LAN	RJ45 port
Operation and Instructions	Red led and key button	Assigning physical Addresses
	Green led blink	Indicates the device application layer is working properly
	LED ON	Indicates the network connection is normal
Temperature range	LAN/LINK LED	Indicates network data(data transfer)
	Operation	- 5 °C ... + 45 °C
	Storage	- 25°C...+55°C
Environmental conditions	Transportation	- 25 °C ... + 70 °C
	Humidity	<93%, except condensation
Installation	35mm din rail	

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