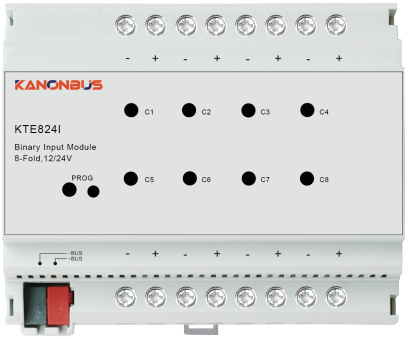
General Purpose Input Interface User Manual

KTE824I



Safety instructions

- Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
- Electrical equipment must be installed and programmed by qualified technicians only.
- This device is manufactured according to the relevant technical specifications and have CE.
- For more information of this product, please contact the technical engineer of manufacturer.
- Users are not permitted to alter and maintain the product without the authorization of manufacturer.
- Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

Product Overview

The Universal Input Interface Module KTE824I is used in the KNX system. It has 8 input channels and can be interlocked with the fire - fighting system or connected to other systems. It can convert 12/24V active signals into KNX commands. It can also be connected to traditional switches, self - resetting switches or other systems to convert dry contact signals into KNX commands.
Through program settings, the KTE824I can control the on/off of lights, brightness adjustment, and the opening/closing of curtains. Meanwhile, it can also perform controls such as numerical value sending, scene switching, and temperature setting.

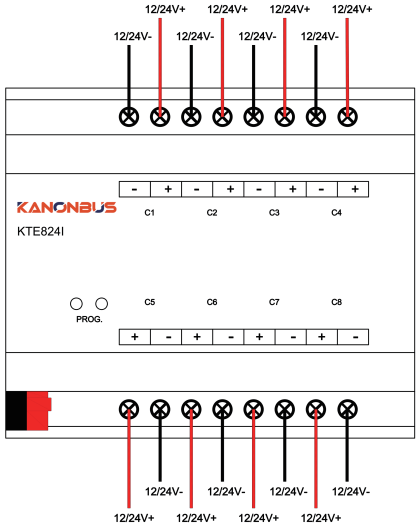
Product Features

- Powered by KNX bus.
- It has 8 independent channels and can be controlled separately.
- It can use 12/24V active signals as input signals.
- It can perform lighting control: on/off and dimming.
- It can perform curtain control: opening/closing.
- It can send numerical values: scene calling/brightness value/temperature value/illuminance value.
- It can be connected with traditional switches/self-resetting switches to control the KNX system.
- It can be connected with active switches to control the KNX system.
- It can be interlocked with the fire protection system to control the KNX system.
- It can be connected with other system terminals or device hosts for integration.
- It uses ETS3/4/5 for programming and debugging.

Programming instructions

1.Select the corresponding product database and import it into ETS3/4/5.
2.Add the device to the project created in ETS3/4/5.
3.Press the device programming button and download its physical address through ETS3/4/5. After the download is completed, the red LED indicator light will go out.
4.Open the device database, associate the parameter settings with the corresponding group objects, and then perform the application download.
5.After changing the physical address of the device, repeat "Step 3".
6.After modifying the parameter settings or re - associating the "group objects", repeat "Step 4" to achieve new functions.

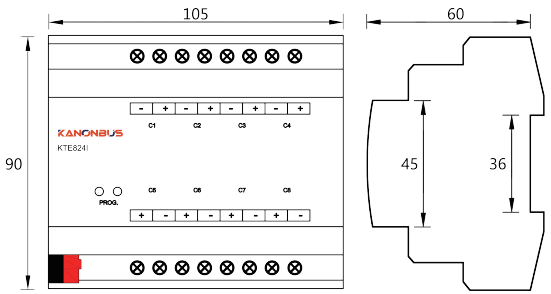
Product Wiring



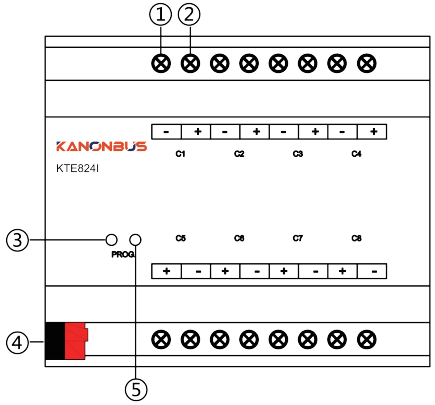
Product parameters

Parameters \ Types	KTE824I
Power	
Power Supply	KNX Power 21V~30V DC
Transmission Media	KNX TP
Total rated current	≤10mA
Product Info	
Dimensions(WxHxT)	105mm x 90mm x 60mm
Type of protection	IP20
Operation	0℃~70℃
Storage	-25°C ~70℃
Installation method	Rail mounting
Programming mode	S-mode
Input port	
Input signal	Passive signal/DC12-24V active signal
Number of ports	8 channels

Product dimensions



Operating instructions



Operating instructions

① Negative pole of the 12/24V active signal;
② Positive pole of the 12/24V active signal;
③ KNX programming button indicator light. When the programming button is pressed, this indicator light will show red. After the physical address is successfully downloaded, it will automatically go out. This indicator light can also be turned on/off through the ETS software;
④ KNX bus terminal;
⑤ Programming button. Press it to program the physical address of the device.

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