

User Manual

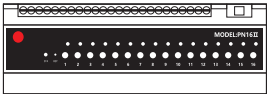
A 16-way power supply controller ——Guide rail-type multi-function power supply control host

Functional overview

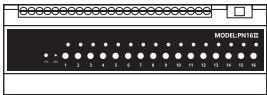
16 way relay (ZIGBEE/WIFI optional), can communicate with gateway or cloud to control various peripheral device power supplies. Used for controlling light switches, electric screen lifting, electric curtain opening and closing, and providing power control for projectors, cameras, conference systems, and other equipment. The power controller panel provides manual buttons and LED status indicator lights, which can freely control various switches through the manual buttons on the body. The LED indicator lights on the panel indicate the current channel working status, and the panel provides multiple status indicator lights, which are comprehensive and support device power indication and channel switch status indication.

The specific functional features are described below:

- 1、 There are a total of 16 channels, of which 1-4 are 50A magnetic holding relays and 5-16 are 16A relays.
- 2、 The status of the 16 channel switch can be displayed by the panel LED indicator lights.
- 3、 By using panel button switches, channels can be individually and sequentially turned off and turned on, achieving the function of individual and sequential switch channels.
- 4、 Provide 2 special node control interfaces (linked with hotel card insertion and power retrieval/energy-saving modules):
 - a、 Can lock and unlock external buttons and execute custom scenes;
 - b、 All channels can be closed.
- 5、 Provide 16 independent node control interfaces, which can be connected to external buttons or the central control system, and perform separate switch operations on channel switches.
6. Provide three power outage recovery modes:
 - a、 Power off mode
 - b、 power on mode
 - c、 custom scene mode



External antenna version



Built in antenna version

Button/Interface Description

Panel section:



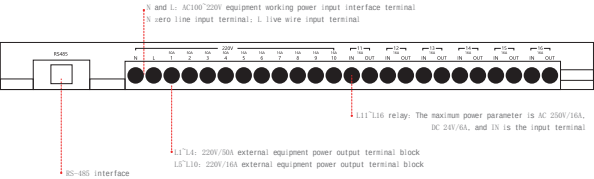
Indicator light: When flashing, the device enters the distribution network state

Distribution network button

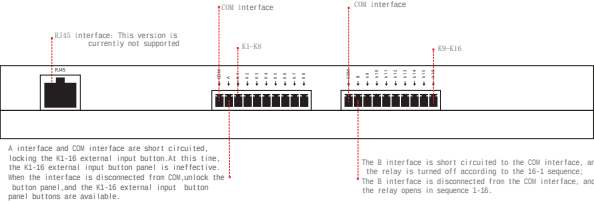
Status indicator lights for keys 1-16
Always on when opened, off when closed

I¹⁶: Press to control the on/off state switching of the corresponding relay

Interface section (Part 1)



Interface section (Part 2)



Dry contact interface, K1-K8 is a group, K9-K16 is a group, K1-K16 interface and COM interface are short circuited, and corresponding channels can be controlled.

备注: Note: This interface has three states.
1. When set to the reset switch, only short circuiting is effective.
2. When set to the rocker switch, both short circuiting and disconnection are effective.
3. When set to a weak current switch, short circuiting indicates an open action, and disconnection indicates a closed action.

Connect the Tuya Smart APP

This product has been connected to Tu Ya and can be controlled through the Tu Ya intelligent app, and is interconnected with other products.
Scan the QR code, download and install the Tuya Smart app, or search for "Tuya Smart" in the app store, download and install the app, and follow the app prompts to add devices.



Scan QR code to download
"Tuya Smart APP"

Tip:
Before adding the WIFI version, please ensure that your phone is connected to a Wi Fi network in the 2.4GHz frequency band.
To make the connection smoother, please place your phone as close as possible to the gateway and ensure that it is on the same Wi Fi network as the gateway.
Due to the upgrade and update of the Tuya Smart APP, the actual operation may differ slightly from the above description. Please follow the instructions in the current Tuya Smart APP for operation.

After sales service and three guarantees policy

The after-sales service of Tuya Smart wired multimode gateway strictly follows the Consumer Rights Protection Law of the People's Republic of China and the Product Quality Law of the People's Republic of China to implement after-sales three guarantee services. The service content is as follows:

Warranty policy

During the validity period of the three guarantees, you can enjoy free return, exchange, and repair services in accordance with these regulations. Returns, exchanges, and repairs should be processed with invoices.
Within 7 days from the day after signing for the goods, if there is no reason to return the goods (through e-commerce purchasing channels), the user shall bear the logistics costs;
After the performance faults listed in the Product Performance Fault Table are detected and confirmed by the after-sales service center, this product can enjoy the following services for free:

Service type	Service Policy
Returns	Returns due to product quality issues within 7 days from the day of receipt
Exchange	Exchange products within 15 days from the day of receipt due to quality issues
Repair	Repair of product quality issues within 1 year from the day of receipt