Features

1. The device allows for customized settings to enable and disable remote operation, preventing safety hazards caused by accidental remote operation. It supports Bluetooth connection to the device via a mobile phone or tablet app, displaying real-time device information, runtime, switch status of each circuit, voltage, current, power, and other information, easily enabling control of the main switch and each individual switch.

2. Supports setting input voltage undervoltage and overvoltage thresholds, delay response time, and allows setting voltage, current, and power alarm thresholds for each output channel. If the thresholds are exceeded, an alarm will be triggered and the switch will be turned off. Supports identifying devices that are not working properly on each channel and allows users to choose whether to disconnect the output power.

3. Monitor all abnormal alarms of the equipment in real time, display alarm information, save alarm logs on the device itself, and automatically report them to the cloud. The logs can be viewed on mobile phones or tablets via APP and web pages, enabling remote real-time monitoring via mobile phone or computer.

4. The device has an RJ45 network interface, which can automatically assign an IP address to access the cloud platform when connected to the external network. It can be remotely controlled by a mobile phone or tablet APP and a web page. The device supports remote OTA firmware upgrades.

5. Both mobile/tablet APP and WEB web version support use anywhere with mobile network or broadband network, and can realize one-click switch, sequential switch, parallel management, timed control, parameter monitoring and alarm management functions.

6. Rated power: 6-way × 10A new national standard socket, 6-way × 16A new national standard socket, 2-way × 10A new national standard socket (direct connection)

7. Shell material: Cold-rolled steel sheet

8. Interfaces: 14 power output interfaces, 1 RS 485 input interface, 1 RS 485 output interface, 1 RJ45 network interface

9. Air switch: The 100A air switch has dual protection functions of overload and short circuit.

10. Relays: Built-in 12 relays, which can be triggered instantly to ensure a fast response of the switch.

11. Output channels: 14 independent output channels (12 controllable + 2 direct-through); the 12 controllable output channels are 6 10A outputs and 6 16A outputs respectively; the 2 direct-through output channels are 10A outputs; the maximum load capacity of the entire device is 22KW (100A).

12. Display: 2.8-inch LCD screen with manually adjustable brightness; real-time display of the switch status, voltage, current, and power of each output channel; undervoltage and overvoltage alarms at the power input; overvoltage, overcurrent, and overload alarms at each power output channel; device information, runtime, operation log, date, and time; built-in screen lock and button lock to prevent accidental touches.

13. Button operation: 5 touch buttons allow you to freely control the device, retaining realistic touch and tactile feedback.

14. Multiple communication protocols: Supports DMX512, RDM, Art-Net, TCP/IP and other communication protocols; supports MODBUS (RS485, UDP) protocol, and can be connected to the central control host for control.

15. Device parallel operation management: Supports networking of multiple devices and unified management of all networked devices.

16. Scene Management: Supports editing and saving of on/off state scenes, and supports one-click restoration of on/off state.

17. One-button switch: One-button sequential or reverse switching of all circuit outputs of a single device, or independent switching of each circuit.

18. It has an EMC filter function, which reduces the electromagnetic radiation and sensitivity of the equipment by filtering out high-frequency noise and interference signals, and avoids interference with other equipment or circuits.

19. Switch delay: The switch opening and closing delay can be customized from 0.5 to 999.0 seconds. This setting can be uniform for all circuits or set individually for each circuit.

20. Timer control: Supports timer control for each channel, allowing users to customize the timer to turn the output channel on or off. It can be executed once or repeatedly.

21. Parameter monitoring: Input power supply voltage undervoltage and overvoltage monitoring; each output channel supports voltage, current, power, and switch status monitoring; each output channel provides overvoltage, overcurrent, and overload abnormal alarm monitoring and promptly shuts down the corresponding channel's switch; supports internal temperature monitoring function, automatically alarming and promptly shutting down the switch when abnormalities occur.

Specification

1. Product dimensions (L×W×H)	487×423×140mm
2. Packaging dimensions (L×W×H)	620×550×250mm (carton)
3. Gross weight of packaging	11kg (1 piece)
4. Product net weight	9kg
5. Operating ambient temperature	-10℃ to 45℃
6. Protection rating	IP20
7. External dimensions	International standard 3U
8. Input voltage	AC110-240V, 50/60Hz
9. No-load power	10W