



Features

- *Air Switches: Twelve 32A circuit breakers with dual overload and short-circuit protection. Each output is equipped with overload, short-circuit, and leakage protection mechanisms, ensuring timely power cut-off in case of abnormal conditions and effectively protecting the circuit and equipment.
- *Surge Protection: Supports surge protection against lightning strikes, up to 1.8KV/limp 40KA.
- *Contactors: Twelve built-in contactors with control, enabling instantaneous triggering and ensuring rapid response and control precision.
- *Output Channels: Twelve independent output channels, each with a rated power of 6KW, and a maximum load capacity of 36kW.
- *Display: A 2.8-inch LCD screen displays the real-time switch status, voltage, current, and power of each output channel, as well as input undervoltage and overvoltage warnings, and output overvoltage, overcurrent, and overload alarms. It can also display equipment information, runtime, operation logs, date, and time. It includes a screen lock and button lock to prevent accidental touches.
- *Button Operation: Five touch-sensitive buttons allow for easy device control.
- *Multiple Communication Protocols: Supports DMX512, RDM, Art-Net, TCP/IP, and other communication protocols; supports RS485, UDP, and other central control protocols (MODBUS standard), enabling connection to a central control host for control.
- *Device Parallel Management: Supports networking of multiple devices for unified management of all networked devices.
- *Scene Management: Supports editing and saving switch status scenes, and one-click restoration of switch status.
- *One-Click Switching: One-click sequential or reverse switching of all output circuits on a single device, or independent switching for each circuit.
- *Switch Delay: Customizable switch on/off delay settings from 0.5 to 999.0 seconds, with unified settings for all circuits or individual settings for each circuit.
- *Timed Control: Supports timed control for each circuit, allowing users to customize the timed on/off of output channels, with single-cycle or cyclic execution.
- *Parameter Monitoring: Monitors input power supply voltage undervoltage, overvoltage, phase loss, phase reversal, and voltage imbalance. Each output channel supports voltage, current, power, and switch status monitoring. Each output channel also features overvoltage, overcurrent, and overload alarm monitoring, and will promptly shut down the corresponding channel's switch. Supports monitoring of internal equipment temperature and ambient temperature and humidity, automatically alarming and shutting down the switch in case of abnormalities.
- *Electrical Settings: Supports setting input voltage undervoltage and overvoltage thresholds, delay response time, and voltage imbalance. Supports setting individual voltage and current alarm thresholds for each output channel; alarms and switch shutdown occur when thresholds are exceeded. Supports identifying devices that are not functioning properly, with the option to disconnect the output power.
- *Alarm Management: Monitors all abnormal alarms from the equipment in real time, displays alarm information, saves alarm logs locally, and automatically reports them to the cloud. Viewable via a mobile app or tablet and a web browser, enabling remote real-time monitoring via mobile phone or computer.



- * Alarm Protection Function Settings: The device allows for customized settings to enable or disable certain abnormal protection functions, such as automatically shutting off the switch in case of abnormal alarms related to temperature, voltage, or current output. When the protection function is disabled, abnormal alarms will only trigger a notification and will not activate automatic protection.
- * Safety Settings: The device allows for customized settings to enable and disable remote operation functions to prevent safety hazards caused by remote misoperation.
- * Network Control: The device has an RJ45 network interface. When connected to an external network, it can automatically be assigned an IP address to access a cloud platform, allowing remote control via a mobile phone or tablet APP and a web page. The device supports remote OTA firmware upgrades.
- * The mobile phone or tablet APP and web page can be used anywhere with mobile or broadband network access, enabling functions such as one-button switching, sequential switching, parallel operation management, timed control, parameter monitoring, and alarm management.

Specification

Input voltage	TN-S system AC380V±10%, frequency 50/60Hz±5%
No-load power	25W
Rated power	12 channels*6kW, the maximum output power of each circuit can reach 6kW
Installation	Wall hanging
Product materials	304 Stainless Steel
Signal Interface	One DMX512 input interface, one five-pin temperature and humidity sensor input interface, and one RJ45 network interface.
Operating temperature	0°C ~ 45°C
Protection level	Ip54
Product size (L×W×H)	650×900×230mm
Packing size (L×W×H)	990×740×315mm(carton)
Gross weight of packaging	31.5kg
Product net weight	28.4kg