Soundking

IOT SMART POWER MANAGEMENT SYSTEM

BEST PARTNER" FOR AUDIO AND VIDEO PROJECTOR

Original management with safety

IOT SMART POWER MANAGER SERIES

IOT AV DEVICE POWER MANAGEMENT TERMINAL SERIES

- Data display
- Safety
- Programming system Remote Real-Time Feedback
- Simple operation
- Tidy wiring
- Fast response
- Overload leakage protection
- Easy install modular expand

R & D BACKGROUND

At present, the power manager market is very large. It can be seen in buildings, campus, power statistics, government and other multi-function power room, wall cabinets. The product is large in size, occupies a large area, and has low flexibility. It needs to be installed on a special bracket and is reliably grounded. The installation is time-consuming and labor-intensive. When the load is insufficient, resources are often wasted. The traditional electric box control method is single, it is difficult to collect current, voltage, temperature and other information, and it is impossible to connect to third-party platforms or systems. The traditional air leakage switch has insufficient safety protection function, and has a large defect in the overload protection of less than 5 times, and there is no visual data recording feedback. These problems lead to increased risk of various operational accidents, increased operational complexity, uncontrollability and inconvenience for professionals and non-professionals.

At present, the integration of power management technology is making great strides in the direction of IoT, controllability, high safety factor and fast response speed. However, all kinds of audio and video strong and weak power engineering companies and integrators lack the corresponding safety awareness for the current engineering power management. Power security considerations are too dependent on traditional systems, so the corresponding market "power security management and controllable integrated system" technologies and products tend to be neutral, resulting in various levels of security risks after the project is delivered, resulting in various types of power management security. accident caused. In this regard, Soundking has carried out special technological innovation and research on "power management" in the source of the project, and created the Soundking IoT Power Manager series products.

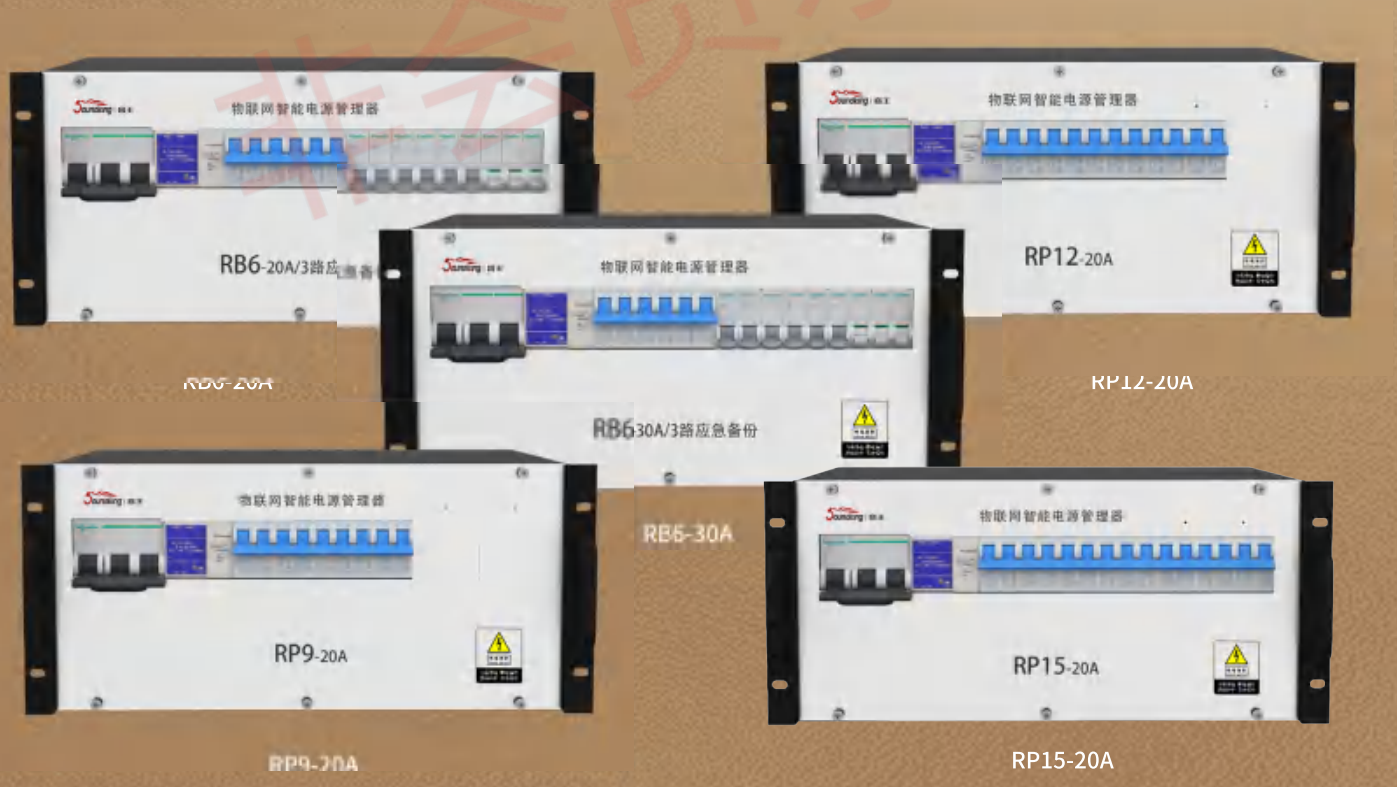
HONORS AND PATENTS

NATIONAL PATENT FOR INVENTION

A power manager for the Internet of Things, patent number：202221523628.6

A power manager structure for the Internet of Things, patent number：202221523904.9

A power management system for the Internet of Things, patent number：202221523908.7



TECHNOLOGICAL INNOVATION

The IoT power management system provides an open power management product such as IoT, controllable, high safety, fast response, low cost, and emergency protection.

Complete specifications ----- Available in 5 sizes for 19" cabinet series and 6 sizes for wall/recessed cabinets

Rack-type high power --- output power beyond the traditional power sequence

Module expanded---internal and external functional modules can be expanded according to needs

Easy to operate---computer/mobile phone/monitor multi-terminal operation, convenient and fast

Emergency backup ---- support emergency backup, ensure electrical safety, and ensure stable operation of equipment.

Remote control --- multi-protocol supports RS485, TCPIP and other local and remote control.

Re-development --- open API interface, available for secondary development by customers, perfectly integrated into major systems and platforms.

Built-in interface --- built-in host computer software, save the hype staff programming work, improve work efficiency and quality.

Data visualization --- display and operate real-time data (current, voltage, temperature, on/off status, open circuit, power consumption and other data)

Easy installation --- the product is suitable for 19-inch cabinets and wall/embedded for quick installation, and the upper and lower ends of the product are more convenient to connect to electricity.

PRODUCT INTRODUCTION

IoT power managers

Non-backup version/manual emergency backup version

RB6-20A RP12-20A RB6-30A RP9-20A RP15-20A

IoT AV device power management terminals

non-backup version

RPGL9

RPGL18

RPGL24

manual emergency backup version

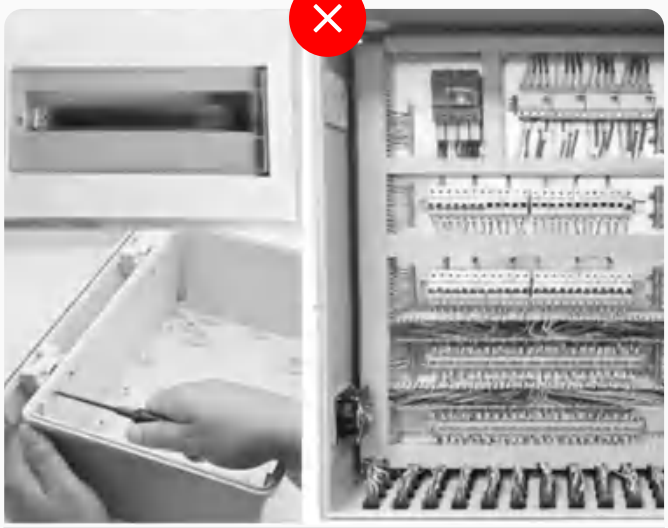
RBGL9

RBGL18

RBGL24

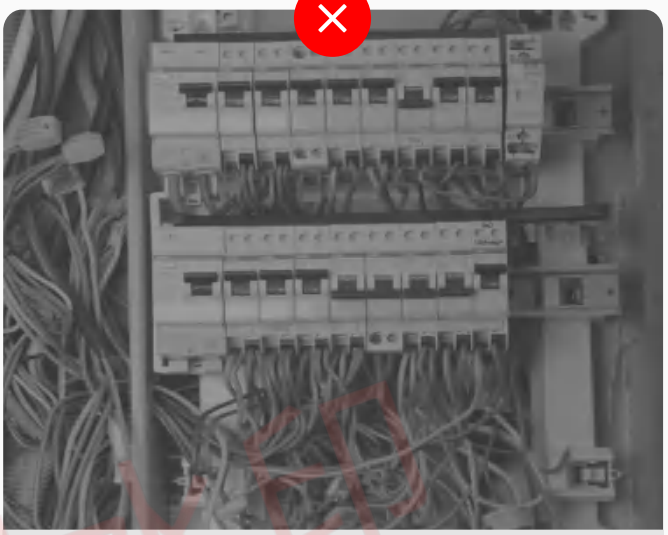
ANALYSIS OF WEAKNESSES

TRADITIONAL WALL-MOUNT CABINET AND AIR SWITCHES



Takes up a lot of space

Inconvenient to carry
time-consuming and troublesome to install



Internal wiring is messy and prone to fire

Single switch control high

Difficulty in collecting information

Impossible to know the current use situation
and difficult re-development

Leakage power cannot be self-tested

ADVANTAGES

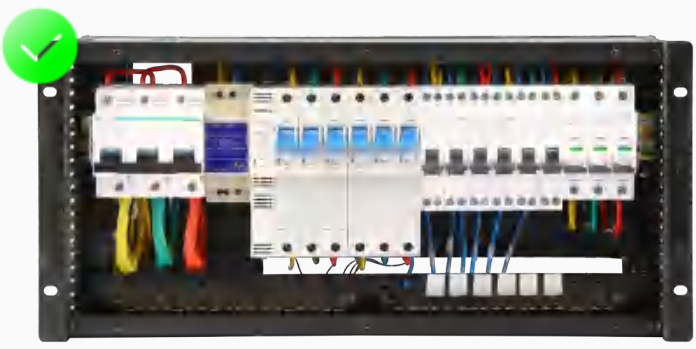
IOT SMART POWER VS TRADITIONAL WALL-MOUNT AIR SWITCH

IoT Smart Power

- Compact convenient high safety and low cost
- Tidy inner wiring for easy install
- Remote control: current voltage temperature on/off status open circuit consumption of channel
- High power: with overload leakage overcurrent protection
- Replaceable sticky notes: freely modified and filled in
- Extensibility: the module can be expanded

Traditional wall-mount air switch

- Large in size and occupies large area
- Inconvenient to carry: time-consuming and troublesome to install
- Single switch control, high risk. Internal wiring is messy and prone to fire
- Difficulty in collecting information
  Impossible to know the current use situation and difficult re-development
- Leakage power cannot be self-tested



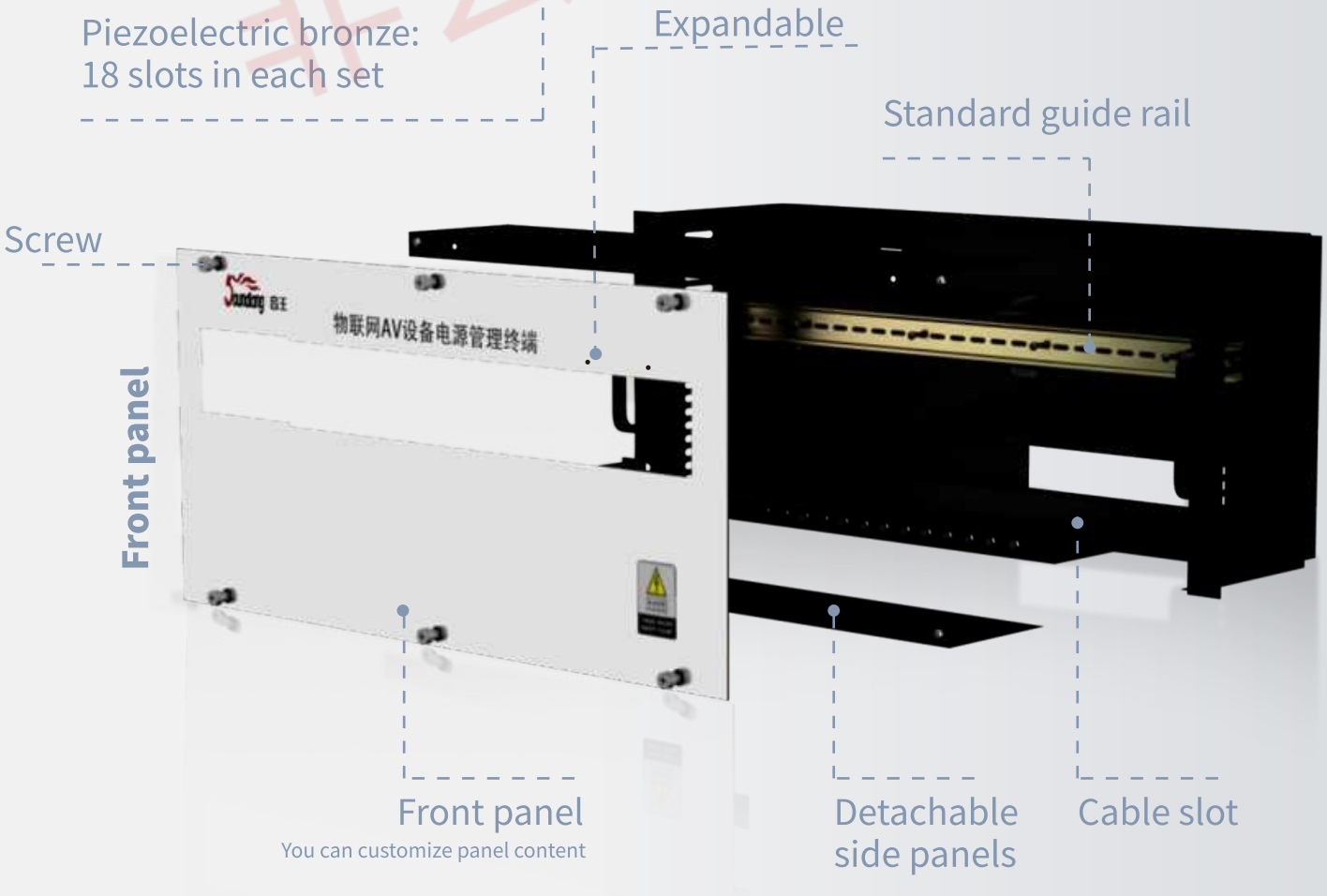
IOT SMART POWER MANAGER

5U IOT RACK (EXPANDABLE)

MPJG5U
MPJG5UK(Expandable)

Features

Meet the standard 1P and above MCB mounting; can be applied to standard cabinets of various brands; convenient and quick disassembly and assembly, adding functional modules; excellent material with high safety; fine workmanship, firm and durable; humanized design, strong practicability; Easy installation, standard: screws, piezoelectric bronze: 18 slots in each set.



Power cabinet: RBP09/9/018/18/024/24
Cabinet frame wrapping: RBPB09/9/018/18/024/24
Acrylic plate(frosted white): RBPY09/9/018/18/024/24

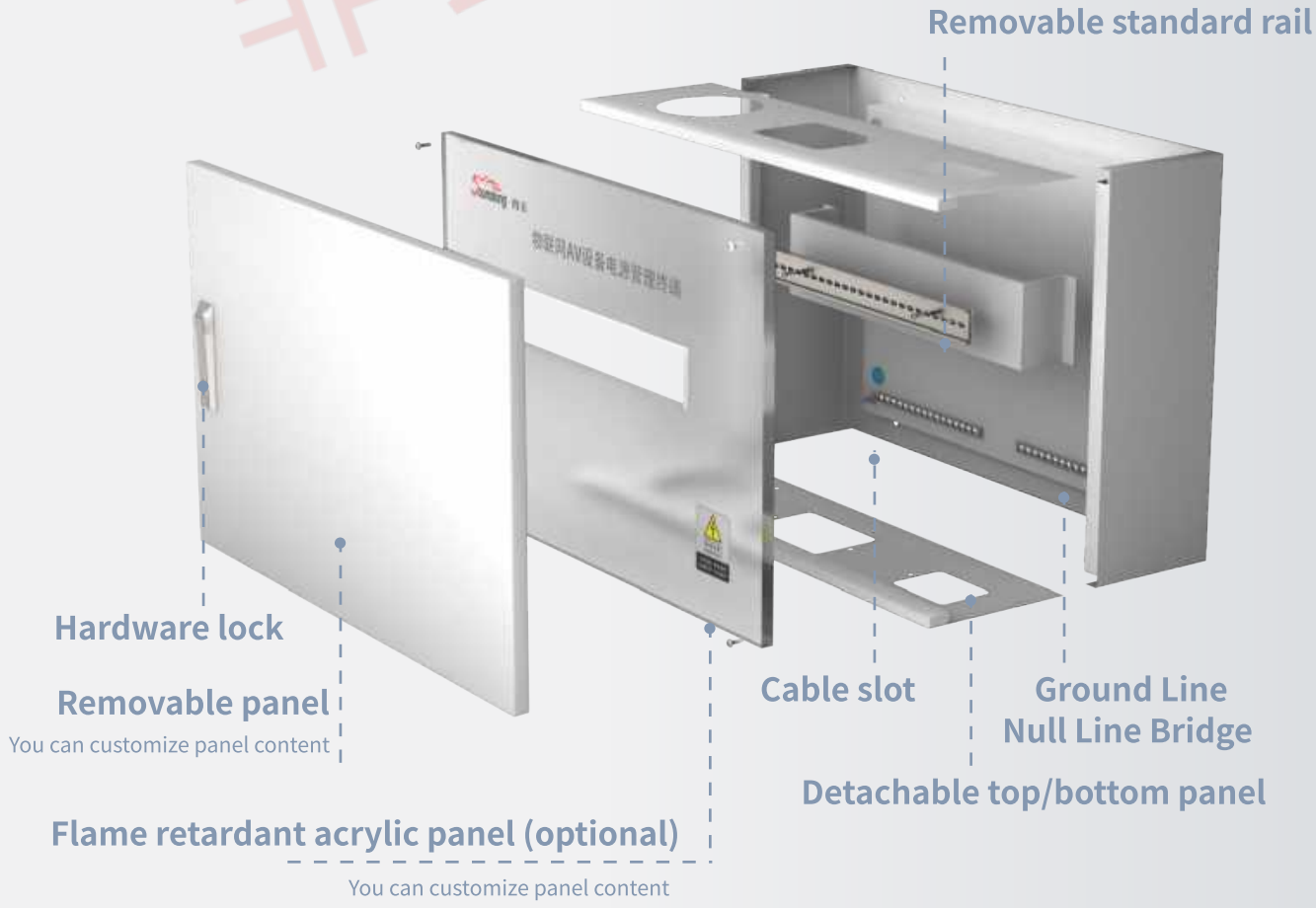
IOT SMART POWER MANAGER
AV DEVICE RACK (EXPANDABLE)

Introduction

Overview: Made of high quality stainless steel with electrostatic spraying on the surface, strong frame and high strength. Overall streamline design, removable door with hardware lock, scientific layout of the in line and out line holes.
Color: black/white(optional)
Built-in: removable standard guide rail; cable slot

Features

Meet the standard 1P and above MCB mounting.
Removable rail, easy for mounting and adding functional module.
Excellent material with high safety; fine workmanship, firm and durable.
Humanized design, the top and bottom panels are detachable and have wiring holes.
The holes are convenient and reasonable for wiring, strong practicability;
Easy installation, standard: screws, piezoelectric bronze: 18 slots in each set
Removable flame retardant acrylic panel makes the interior clearer. (optional)
The detachable box door is equipped with a lock to avoid misoperation of the equipment and ensure safety.
Reserve a cable manager to keep the wiring clear.



IOT SMART POWER MANAGER —OPERATION MAINTENANCE AND SERVICE

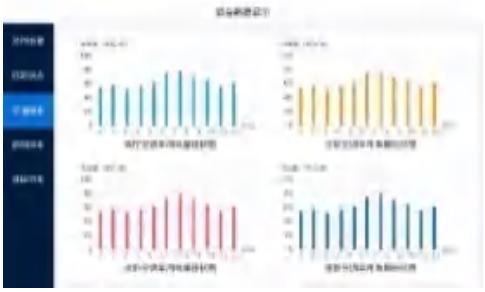
Smart air switch hardware+ user big data+ IOT+ cloud platform

It can realize the systematic management of electricity consumption, which is composed of intelligent terminal equipment, setting software, system deployment platform or operating terminal software. It has functions such as power consumption protection, remote operation control, power statistics, timing, etc., and at the same time realizes big data management.

Smart air switch hardware

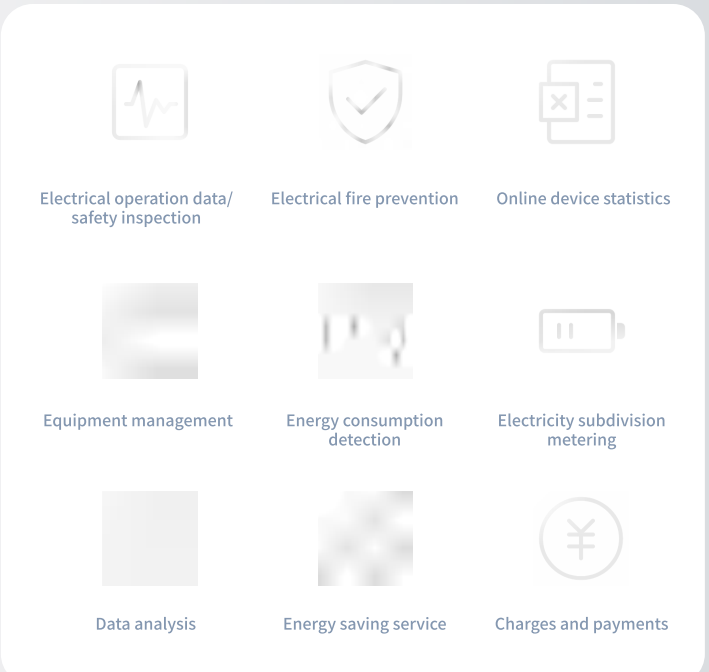
IOT platform management

Safety Information and Electrical Parameters



Subdivision consumption measurement detection and analysis

User data



Operation maintenance and service

IOT SMART POWER MANAGER —IOT SYSTEM PLATFORM

IOT cloud platform

It can control and display real-time data on the local 10.1-inch industrial screen; scan the QR code locally on the mobile phone for device control;
Remote device control and real-time data display through the cloud; real-time monitoring of device abnormalities and early warning alarms; power statistics by day/month/year;

10.1” screen control

remote control and real-time data

APPLICATIONS

Products are widely used; audio and video, stage lighting, public broadcasting, conferences and other fields. It can be installed in multi-functional power supply rooms and cabinets such as building computer rooms, campus computer rooms, power statistics computer rooms, and office computer rooms.

Office Building Machine Rooms

Institutions

School Machine Rooms

Stage Lights

RB6-20A

6-way 20A 3-way emergency backup version

PRODUCT INTRODUCTION/SPECIFICATIONS

IOT SMART POWER MANAGER

RB6-20A has a programmable power manager system, which can be used for real-time data feedback monitoring and control. It adopts electrical standards and professional electrical structure design; single output is 20A, total output current is 80A, 6-way air switch, of which 3-way configuration emergency backup; It has better short-circuit protection, leakage protection and over-current protection than traditional air switches. With a web page interface, you can query the current, voltage, temperature, on/off status, open circuit, power consumption and other data of each channel in real time. The control gateway port with Web function is RJ45, and the optional API control cascading port is RS485. Open unique development interface, which can be used for re-development by customers, perfectly integrated into major systems and platforms.

Features:

- Provides 6 single-channel outputs of 20A, with a total output current of 80A.
- Provides the function of small circuit breaker.
- The on or off operation of electrical equipment can be remotely controlled.
- It can read data such as current, voltage, power consumption and terminal temperature of electrical equipment.
- It has the functions of overload protection, short circuit protection, overvoltage protection, ignition protection and over temperature protection.
- With emergency backup function, innovatively increases the two-way circuit guarantee for safe switching of electronic equipment.
- The product has a status indication function, which can display the connection, disconnection and fault conditions of the equipment in real time.
- The product ID number is manually set without a computer, which is convenient for on-site setting and docking.
- The product is scalable and can realize additional functions such as leakage protection and power supply expansion.
- Open third-party interfaces for customers to carry out secondary development.
- The bus connection of the rail bus is stable and reliable, eliminating the trouble of connecting weak wires.
- High reliability, compact design.

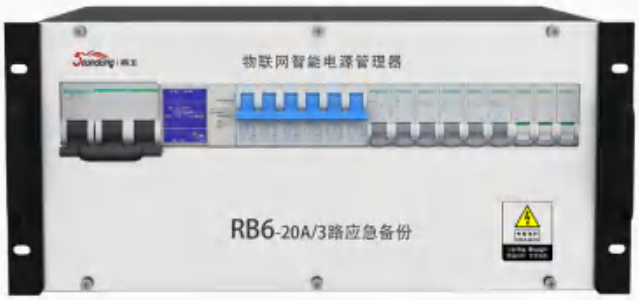
Parameter

Input	AC380V three-phase 80A	**Mechanical switch life**	⩾20,000 times
Output	AC220V single-phase 20A 6 channel	**Electronic switch life**	100,000 times
Detection parameters	Current/voltage/power/temperature	**Weight**	Net weightXXXGross weightXXX
Voltage	DC24V	**Package**	2PCS
Communication method	Rs-485 / Tcp/Ip	**Dimension(WxLxH)**	482.6x221.5x162mm
Life span	10000 times	With locking lugs 20.3x221.5x27mm/grip 15x65x20.6mm/cable organizer (roll) 40x40mm	
		Net length (442x221.5x131mm)	

Multi-Protocol Control Replaceable Scheme [Power module 1Px1 + IoT expander x1] (please specify when ordering)

IoT Expander SKA101A

101 Cascading Power Modules 1P SKP101AP-15



RB6-30A

6-way 30A 3-way emergency backup version

PRODUCT INTRODUCTION/SPECIFICATIONS

IOT SMART POWER MANAGER

RB6-30A has a programmable power manager system, which can be used for real-time data feedback monitoring and control. It adopts electrical standards and professional electrical structure design; single output is 30A, total output current is 100A, 6-way air switch, of which 3-way configuration emergency backup; It has better short-circuit protection, leakage protection and over-current protection than traditional air switches. With a web page interface, you can query the current, voltage, temperature, on/off status, open circuit, power consumption and other data of each channel in real time. The control gateway port with Web function is RJ45, and the optional API control cascading port is RS485. Open unique development interface, which can be used for re-development by customers, perfectly integrated into major systems and platforms.

Features:

- Provides 6 single-channel outputs of 30A, with a total output current of 100A.
- Provides the function of small circuit breaker.
- The on or off operation of electrical equipment can be remotely controlled.
- It can read data such as current, voltage, power consumption and terminal temperature of electrical equipment.
- It has the functions of overload protection, short circuit protection, overvoltage protection, ignition protection and over temperature protection.
- With emergency backup function, innovatively increases the two-way circuit guarantee for safe switching of electronic equipment.
- The product has a status indication function, which can display the connection, disconnection and fault conditions of the equipment in real time.
- The product ID number is manually set without a computer, which is convenient for on-site setting and docking.
- The product is scalable and can realize additional functions such as leakage protection and power supply expansion.
- Open third-party interfaces for customers to carry out secondary development.
- The bus connection of the rail bus is stable and reliable, eliminating the trouble of connecting weak wires.
- High reliability, compact design.

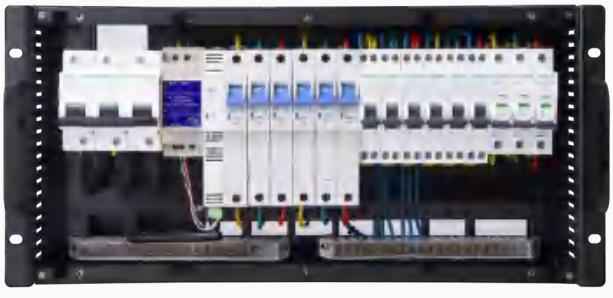
Parameter

Input	AC380V three-phase 80A	**Mechanical switch life**	⩾20,000 times
Output	AC220V single-phase 30A 6 channel	**Electronic switch life**	100,000 times
Detection parameters	Current/voltage/power/temperature	**Weight**	Net weightXXXGross weightXXX
Voltage	DC24V	**Package**	2PCS
Communication method	Rs-485 / Tcp/Ip	**Dimension(WxLxH)**	482.6x221.5x162mm
Life span	10000 times	With locking lugs 20.3x221.5x27mm/grip 15x65x20.6mm/cable organizer (roll) 40x40mm	
		Net length (442x221.5x131mm)	

Multi-Protocol Control Replaceable Scheme [Power module 1Px1 + IoT expander x1] (please specify when ordering)

IoT Expander SKA101A

101 Cascading Power Modules 1P SKP101AP-15



RP9-20A

20A 9-way non-backup version

PRODUCT INTRODUCTION/SPECIFICATIONS

IOT SMART POWER MANAGER

RP9-20A has a programmable power manager system, which can be used for real-time data feedback monitoring and control. It adopts electrical standards and professional electrical structure design; single output is 20A, total output current is 80A,9-way air switch; It has better short-circuit protection, leakage protection and over-current protection than traditional air switches. With a web page interface, you can query the current, voltage, temperature, on/off status, open circuit, power consumption and other data of each channel in real time. The control gateway port with Web function is RJ45, and the optional API control cascading port is RS485. Open unique development interface, which can be used for re-development by customers, perfectly integrated into major systems and platforms.

Features:

- Provides 9 single-channel outputs of 20A, with a total output current of 80A.
- Provides the function of small circuit breaker.
- The on or off operation of electrical equipment can be remotely controlled.
- It can read data such as current, voltage, power consumption and terminal temperature of electrical equipment.
- It has the functions of overload protection, short circuit protection, overvoltage protection, ignition protection and over temperature protection.
- The product has a status indication function, which can display the connection, disconnection and fault conditions of the equipment in real time.
- The product ID number is manually set without a computer, which is convenient for on-site setting and docking.
- The product is scalable and can realize additional functions such as leakage protection and power supply expansion.
- Open third-party interfaces for customers to carry out secondary development.
- The bus connection of the rail bus is stable and reliable, eliminating the trouble of connecting weak wires.
- High reliability, compact design.

Parameter

Input	AC380V three-phase 80A	**Mechanical switch life**	⩾20,000 times
Output	AC220V single-phase 20A 9 channel	**Electronic switch life**	100,000 times
Detection parameters	Current/voltage/power/temperature	**Weight**	Net weightXXXGross weightXXX
Voltage	DC24V	**Package**	2PCS
Communication method	Rs-485 / Tcp/Ip	**Dimension(WxLxH)**	482.6x221.5x162mm
Life span	10000 times	With locking lugs 20.3x221.5x27mm/grip 15x65x20.6mm/cable organizer (roll) 40x40mm	
		Net length (442x221.5x131mm)	

Multi-Protocol Control Replaceable Scheme

[Power module 1Px1 + IoT expander x1]

(please specify when ordering)

IoT Expander SKA101A

101 Cascading Power Modules
1P SKP101AP-15

RP12-20A

20A 12-way non-backup version

PRODUCT INTRODUCTION/SPECIFICATIONS

IOT SMART POWER MANAGER

RP12-20A has a programmable power manager system, which can be used for real-time data feedback monitoring and control. It adopts electrical standards and professional electrical structure design; single output is 20A, total output current is 100A,12-way air switch; It has better short-circuit protection, leakage protection and over-current protection than traditional air switches. With a web page interface, you can query the current, voltage, temperature, on/off status, open circuit, power consumption and other data of each channel in real time. The control gateway port with Web function is RJ45, and the optional API control cascading port is RS485. Open unique development interface, which can be used for re-development by customers, perfectly integrated into major systems and platforms.

Features:

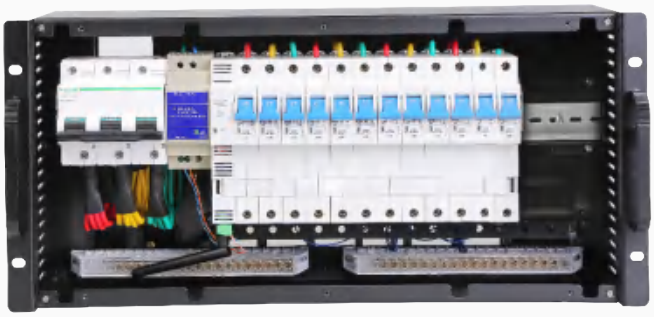
- Provides 12 single-channel outputs of 20A, with a total output current of 100A.
- Provides the function of small circuit breaker.
- The on or off operation of electrical equipment can be remotely controlled.
- It can read data such as current, voltage, power consumption and terminal temperature of electrical equipment.
- It has the functions of overload protection, short circuit protection, overvoltage protection, ignition protection and over temperature protection.
- The product has a status indication function, which can display the connection, disconnection and fault conditions of the equipment in real time.
- The product ID number is manually set without a computer, which is convenient for on-site setting and docking.
- The product is scalable and can realize additional functions such as leakage protection and power supply expansion.
- Open third-party interfaces for customers to carry out secondary development.
- The bus connection of the rail bus is stable and reliable, eliminating the trouble of connecting weak wires.
- High reliability, compact design.

Parameter

Input	AC380V three-phase 100A	**Mechanical switch life**	⩾20,000 times
Output	AC220V single-phase 20A 12 channel	**Electronic switch life**	100,000 times
Detection parameters	Current/voltage/power/temperature	**Weight**	Net weightXXXGross weightXXX
Voltage	DC24V	**Package**	2PCS
Communication method	Rs-485 / Tcp/Ip	**Dimension(WxLxH)**	482.6x221.5x162mm
Life span	10000 times	With locking lugs 20.3x221.5x27mm/grip 15x65x20.6mm/cable organizer (roll) 40x40mm	
		Net length (442x221.5x131mm)	

Multi-Protocol Control Replaceable Scheme [IoT expander x1] (please specify when ordering)

IoT Expander SKA101A



RP15-20A
20A 15-way non-backup version

PRODUCT INTRODUCTION/SPECIFICATIONS

IOT SMART POWER MANAGER

RP15-20A has a programmable power manager system, which can be used for real-time data feedback monitoring and control. It adopts electrical standards and professional electrical structure design; single output is 20A, total output current is 100A,15-way air switch; It has better short-circuit protection, leakage protection and over-current protection than traditional air switches. With a web page interface, you can query the current, voltage, temperature, on/off status, open circuit, power consumption and other data of each channel in real time. The control gateway port with Web function is RJ45, and the optional API control cascading port is RS485. Open unique development interface, which can be used for re-development by customers, perfectly integrated into major systems and platforms.

Features:

- Provides 15 single-channel outputs of 20A, with a total output current of 100A.
- Provides the function of small circuit breaker.
- The on or off operation of electrical equipment can be remotely controlled.
- It can read data such as current, voltage, power consumption and terminal temperature of electrical equipment.
- It has the functions of overload protection, short circuit protection, overvoltage protection, ignition protection and over temperature protection.
- The product has a status indication function, which can display the connection, disconnection and fault conditions of the equipment in real time.
- The product ID number is manually set without a computer, which is convenient for on-site setting and docking.
- The product is scalable and can realize additional functions such as leakage protection and power supply expansion.
- Open third-party interfaces for customers to carry out secondary development.
- The bus connection of the rail bus is stable and reliable, eliminating the trouble of connecting weak wires.
- High reliability, compact design.

Parameter

Input	AC380V three-phase 100A	**Mechanical switch life**	⩾20,000 times
Output	AC220V single-phase 20A 15 channe	**Electronic switch life**	100,000 times
Detection parameters	Current/voltage/power/temperature	**Weight**	Net weightXXXGross weightXXX
Voltage	DC24V	**Package**	2PCS
Communication method	Rs-485 / Tcp/Ip	**Dimension(WxLxH)**	482.6x221.5x162mm
Life span	10000 times	With locking lugs 20.3x221.5x27mm/grip 15x65x20.6mm/cable organizer (roll) 40x40mm	
		Net length (442x221.5x131mm)	

Multi-Protocol Control Replaceable Scheme
[IoT expander x1]
(please specify when ordering)

IoT Expander SKA101A

IoT Smart Power Manager (accessories)

PRODUCT INTRODUCTION/SPECIFICATIONS

MULTI-PROTOCOL CONTROL REPLACEABLE MODULE

SKP101AP-15

101 Cascading Power Modules 1P

Specification

Interface	1*EN-NET Bus C/RS485/modbus(pin header)	**Output voltage**	DC24V、15W
	4*EN-NET Bus C/RS485/modbus(terminals) 16 ways	**Installation**	DIN EN 50022 Standard guide rail1P
Power supply	AC220V	**Installation size(WxHxD)**	18×126×76mm

ULTI-PROTOCOL CONTROL REPLACEABLE MODULE

SKA101A

IoT Expande

It integrates the TCP/IP protocol line internally and supports low-power WiFi with IEE802.11b/g/n wireless protocol. The M126A gateway enables complete protocol communication control and data interaction between the LAN network and the intelligent air switch module, which facilitates the access of third-party platforms such as APP software, server hosts, smart home systems, and building self-investment systems. The number of controllable smart air switches is 256.

Specification

Interface	1*EN-NET Bus C/RS485/modbus(pin header)	**Output voltage**	DC24V、15W
	4*EN-NET Bus C/RS485/modbus(terminals) 16ways	**Installation**	DIN EN 50022 Standard guide rail
Power supply	AC220V	**Installation size(WxHxD)**	1P 18×126×76mm

MPJG5U / MPJG5UK(Expandable)

5U rack set

MPJG5U

MPJG5UK(Expandable)

Front panel: with fine sand black paint and white, streamlined design, supporting 15 standard 1P openings except total openings.
Back: Use fine sand and black lacquer, reserve 15-position wire manager.
Rear panel: using fine sand black paint, high-quality bending process.
Meet the standard 1P and above air switch mounting, can be mounted on the cabinet, convenient and quick disassembly, high safety
selection of materials; fine workmanship, firm and durable; humanized design, strong practicability; Easy installation, standard: screws, piezoelectric bronze: 18 slots in each set

Specification

Material	Cold-rolled steel plate + fine sand-sprayed black paint	**Tie-up position**	⩾15 1.5CM sheathed wires are connected.
Air switch	15 standard 1P	**Dimension(LxHxW)**	482.6x221.5x162mm
Threading hole size	3 slots: 5x3cm/28x2cm/38x2cm		((including lock lug 20.3x221.5x27mm/grip 15x65x20.6mm)

IoT AV device power management terminals (non-backup version)

Optional: [Acrylic panel] [Outer frame black/white] [Outer frame wrapping]

PRODUCT INTRODUCTION
SPECIFICATIONS

9-way RPGL9

9-way programmable power management control system, using electrical standards and professional electrical structure design; single-channel output is 20A, total output current 100A; Web page interface is attached, which can query the current, voltage, temperature, on/off status of each channel in real time , short circuit, power consumption and other data; the control editing port is RJ45 network port.

Configuration

1. Power supply (DC 24V) x1
2. Cascading interface x1
3. Intelligent air switch (20A) x9
4. Schneider circuit breaker (3P 100A) x1
5. Smart Gateway x1

Wall-mounted installation (without edging)

Pre-embedded installation (edge wrapping)

Parameter

Input	AC380V three-phase 100A
Output	AC220V single-phase 20A 9 channel
Detection parameters	Current/voltage/power/temperature
Communication method	Rs-485 / Tcp/Ip
Package	2PCS
Dimension (HxWxD)	350x500x150mm

18-way RPGL18

18-way programmable power management control system, using electrical standards and professional electrical structure design; single-channel output is 20A, total output current 100A; Web page interface is attached, which can query the current, voltage, temperature, on/off status of each channel in real time , short circuit, power consumption and other data; the control editing port is RJ45 network port.

Configuration

1. Power supply (DC 24V) x1
2. Cascading interface x1
3. Intelligent air switch (20A) x18
4. Schneider circuit breaker (3P 100A) x1
5. Smart Gateway x1

Wall-mounted installation (without edging)

Pre-embedded installation (edge wrapping)

Parameter

Input	AC380V three-phase 100A
Output	AC220V single-phase 20A 18 channel
Detection parameters	Current/voltage/power/temperature
Communication method	Rs-485 / Tcp/Ip
Package	2PCS
Dimension (HxWxD)	640x540x150mm

24-way RPGL24

24-way programmable power management control system, using electrical standards and professional electrical structure design; single-channel output is 20A, total output current 125A; Web page interface is attached, which can query the current, voltage, temperature, on/off status of each channel in real time , short circuit, power consumption and other data; the control editing port is RJ45 network port.

Configuration

1. Power supply (DC 24V) x1
2. Cascading interface x2
3. Intelligent air switch (20A) x24
4. Schneider circuit breaker (3P 125A) x1
5. Smart Gateway x1

Wall-mounted installation (without edging)

Pre-embedded installation (edge wrapping)

Parameter

Input	AC380V three-phase 125A
Output	AC220V single-phase 20A 24 channel
Detection parameters	Current/voltage/power/temperature
Communication method	Rs-485 / Tcp/Ip
Package	2PCS
Dimension (HxWxD)	640x540x150mm

IoT AV device power management terminals (manual emergency backup version)

Optional: [Acrylic panel] [Outer frame black/white] [Outer frame wrapping]

PRODUCT INTRODUCTION SPECIFICATIONS

9-way RBGL9

9-way programmable power management control system, each output circuit has manual emergency bypass air switch, adopts electrical standard and professional electrical structure design; single-channel output is 20A/40A, total output current 100A; built-in logic host, with web page. The interface can query the current, voltage, temperature, on/off status, short circuit, power consumption and other data of each channel in real time; the control and editing port is RJ45 network port.

Configuration

1. Power supply (DC 24V) x1
2. Cascading interface x1
3. Intelligent air switch (20A) x8+(40A) x1
4. Smart Gateway x1
5. Schneider circuit breaker (3P 100A) x1
6. Traditional circuit breaker (20A)x8+ (40A)x1
7. Traditional leakage protection circuit breaker (20Ax8)+(40A)x1

Wall-mounted installation (without edging)

Pre-embedded installation (edge wrapping)

Parameter

Input	AC380V three-phase 100A
Output	AC220V single-phase 20A 8-channel +40A 1-channel (with manual bypass emergency)
Detection parameters	Current/voltage/power/temperature
Communication method	Rs-485/Tcp/Ip
Package	Rs-485 / Tcp/Ip
Dimension (HxWxD)	2PCS

18-way RBGL18

18-way programmable power management control system, each output circuit has manual emergency bypass air switch, adopts electrical standard and professional electrical structure design; single-channel output is 20A/40A, total output current 100A; built-in logic host, with web page. The interface can query the current, voltage, temperature, on/off status.

Configuration

1. Power supply (DC 24V) x1
2. Cascading interface x1
3. Intelligent air switch (20A) x17+(40A) x1
4. Traditional leakage protection circuit breaker (20A) x17+(40A)x1
5. Traditional circuit breaker (20A)x17+ (63A)x1
6. Schneider circuit breaker (3P 100A) x1
7. Smart Gateway x1

Wall-mounted installation (without edging)

Pre-embedded installation (edge wrapping)

Parameter

Input	AC380V three-phase 100A
Output	AC220V single-phase 20A 17-channel +40A 1-channel (with manual bypass emergency)
Detection parameters	Current/voltage/power/temperature
Communication method	Rs-485 / Tcp/Ip
Package	2PCS
Dimension (HxWxD)	770x570x150mm

24-way RBGL24

24-way programmable power management control system, each output circuit has manual emergency bypass air switch, adopts electrical standard and professional electrical structure design; single-channel output is 20A/40A, total output current 125A; built-in logic host, with web page. The interface can query the current, voltage, temperature, on/off status, short circuit, power consumption and other data of each channel in real time; the control and editing port is RJ45 network port.

Configuration

1. Power supply (DC 24V) x1
2. Cascading interface x1
3. Intelligent air switch (20A) x23+(40A) x1
4. Traditional leakage protection circuit breaker (20A) x23+(40A)x1
5. Traditional circuit breaker (20A)x23+ (40A)x1
6. Schneider circuit breaker (3P 125A) x1
7. Smart Gateway x1

Wall-mounted installation (without edging)

Pre-embedded installation (edge wrapping)

Parameter

Input	AC380V three-phase 125A
Output	AC220V single-phase 20A 23-channel +40A 1-channel (with manual bypass emergency)
Detection parameters	Current/voltage/power/temperature
Communication method	Rs-485 / Tcp/Ip
Package	2PCS
Dimension (HxWxD)	1000x700x150mm

IoT Smart Power Manager (Accessories)

Optional: [Acrylic plate] [White/Black frame] [Frame wrapping]

Product introduction specification

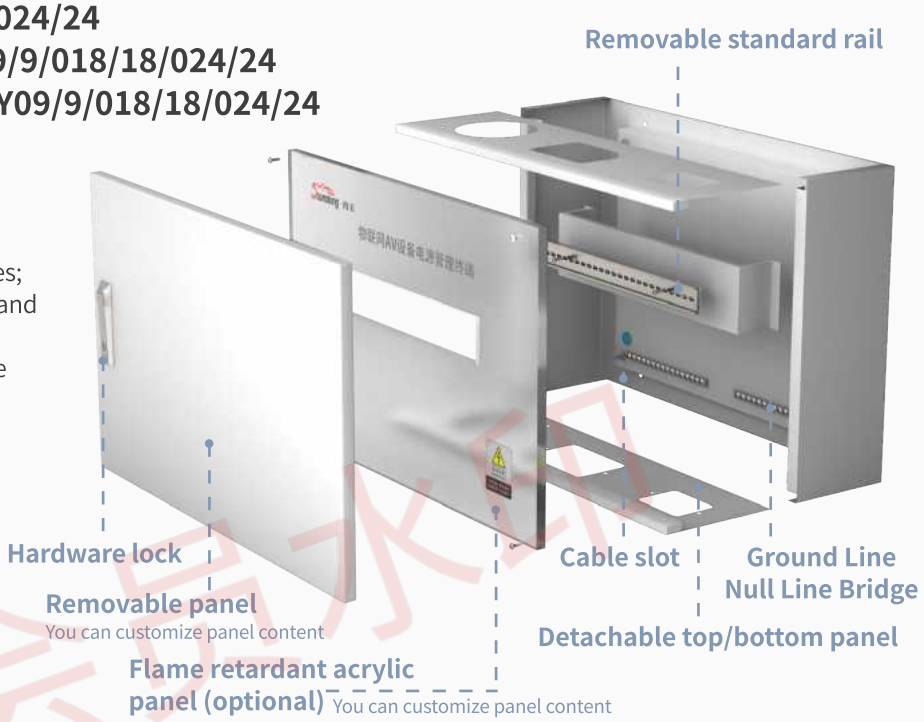
2 installation modes: Wall-hanging/In-wall mount

Small cabinet, Best solution for company

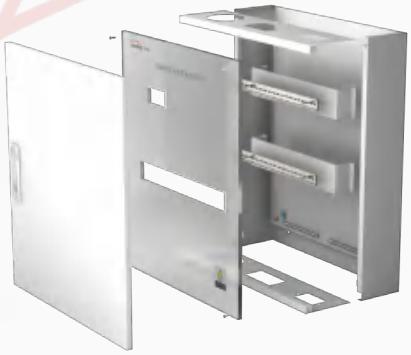
Power cabinet: RBP09/9/018/18/024/24
Cabinet frame wrapping: RBPB09/9/018/18/024/24
Acrylic plate(frosted white): RBPY09/9/018/18/024/24

Innovations:

1. Complete series and specifications,
6 specifications of wall/embedded cabinet series;
2. Stainless steel, electrostatic spraying, strong and durable;
3. Disassemble the international standard guide rails and match 2-4 cables according to the size (optional according to needs);
4. Removable top and bottom panels
5. Removable cable slot
6. Flame retardant acrylic plate
7. Humanized handle, removable door and hardware lock to improve safety
8. Humanized cable slot, scientifically laid in and out cables, reserved knock holes on top and bottom sides
9. Design with frame wrapping, more elegant.



RBP09/9
L350*H500*W150mm



RBP018/18
L640*H540*W150mm

RBP024/24
L640*H540*W150mm

RBPB09/9
L640*H540*宽150mm

RBP018/18
L770*H570*W150mm

RBP024/24
L1000*H700*W150mm

PS6-2

Sequential plug-in machine

Provides 6 power sequence switch channels, the maximum current of a single channel is 10A, and the total input current capacity is 30A; the 6 switches can be independently controlled and displayed by the panel; Sequence switch operation to fully open and close the output channel through the panel buttons. Provides RJ45 network ports, RS232 and IO input and output interfaces, which can be connected with external keys or the central control system to switch on and off the output channel in full time sequence. Multiple devices can cascade RJ45, RS232 and IO to achieve the function of time sequence switch between multiple devices. 19 inch standard cabinet 1U design.

Specification

Power supply	220V~50Hz	**Switching device**	Relay 16A/250V AC nom
Output channel	6	**Connectors**	1 RJ45 network port serial port 1 RS232 cascade serial port 1 IO cascade input interface (TTL level) 1 IO cascade output connection (TTL level)
Delay between channels	2 seconds	**Interface**	1x timing switch button6x channel status LED indicators
ower input interface	Fire wire, neutral wire ground wire 3x2.5m² 3-core coaxial line	**Operation environment**	Temperature: -5°C~40°CHumidity: 0-99%RH
Power output interface	6 multifunctional sockets	**Dimension (HxWxD)**	45 x 483 x 43mm 1U
hannel load output	Single channel maximum output load 10A	**Net weight**	2kg
	The maximum output load of the whole equipment is 30A		

PC8L-2J

Power Sequencer

Provides eight power switch channels with a maximum current of 10A and a total input current capacity of 40A for a single channel. The switch status of 8 channels can be displayed by the panel. With one-key switch on the panel, the channel can be closed and opened in time sequence to achieve the function of time sequence. Each channel can be switched on and off by the panel keys. Provides RS232 serial port, RS232 cascade port and IO control interface; The key operation functions of the panel can be locked and unlocked by software instructions. Provides port 1-8 independent switch control instructions and sequential switch control instructions; Delay settings for the independent switches on ports 1-8 are provided. The delay time and sequence of the switches can be set on the spot, up to 15 hours (delayed power off operations for projectors, etc.). Provides port interlock function for controlling electric curtains, lifts, and electric curtains; 10/19 inch standard cabinet 1U design.

Specification

Power supply	220V~50Hz	**witching device**	Relay 30A/250V AC nom
Output channel	8	**Connectors**	1 RS232 serial port 1 RS232 cascade serial port 3xIO input interface (TTL level) 3xIO output connection (TTL level)
Power input interface	Fire wire, neutral wire ground wire 3x4m² 3-core coaxial line	**Interface**	1x timing switch button 8x switch key8x channel status LED indicators
Power output interface	8 multifunctional sockets 1 normal power supply socket	**Operation environment**	Temperature: -5°C~40°CHumidity: 0-99%RH
Channel load output	Single channel maximum output load 10A	**Dimension (HxWxD)**	44 x 483 x 150mm 1U
	The maximum output load of the whole equipment is 40A	**Net weight**	2kg

PC16L-2J

Power Sequencer

Provides 16 multi-function outlets; Short circuit protection is achieved by bus empty circuit breaker. The output port module has various power outlet modules, which can be used as power controller and power sequencer. The output port can be controlled individually or totally by the panel keys. The panel has 16 channel selection lights and 16 channel status indicators. Provides RS232 serial port, RS232 cascade port and IO control interface to control the output port individually or completely. The key operation functions of the panel can be locked and unlocked by software instructions. Provides port 1-16 independent switch control instructions and sequential switch control instructions; Provides delay settings for port 1-16 independent switches, which can set the delay time and sequence of switches on-site, up to 15 hours delay time (for delayed power off operations such as projectors); Port control, ID setting, switch delay setting of each output port and interlock setting can be done by random software.

Specification

Power supply	220V~50Hz	**Switching device**	Relay 30A/250V AC nom
Output channel	16	**Control input**	1 RS232 serial port 1 RS232 cascade serial port 1xIO full on 1xIO full off
Power input interface	Fire wire, neutral wire ground wire 3x4m² 3-core coaxial line	**Control interface**	1 40A/80A breaker 1xIO cascade input interface (TTL level) 1xIO cascade output connection (TTL level)
Power output interface	Modular output interface	**Operation environment**	Temperature: -5°C~40°CHumidity: 0-99%RH
Channel load output	Single channel maximum output load 10A	**Dimension (HxWxD)**	89 x 483 x 295mm 2U
	The maximum output load of the whole equipment is 40A	**Net weight**	4.5kg

PCA8L-N23

Network Serial Port Expansion Relay

Provides eight relay port output; The single load current can reach up to 20A. The output port can be controlled individually or completely by the panel keys. The output port can be controlled individually or completely by the panel keys, with 8 channel selection lights and 8 channel status indicators on the panel. Provides RS232 serial port and RS232 cascade port to control the output port individually or completely. The key operation functions of the panel can be locked and unlocked by software instructions. Provides port 1-8 independent switch control instructions and sequential switch control instructions; Port control, ID setting, switch delay setting of each output port and interlock setting can be done by random software.

Specification

Power supply	220V~50Hz	**Control interface**	1 full on and full off button 8 single channel buttons 8 channel status LED indicators
Output channel	8	**Control input**	1 RS232 serial port 1 RS232 cascaded serial port 1 IO full off 1 IO full on
Power input interface	Fire wire, neutral wire ground wire 3P 60A	**Operation environment**	Temperature: -5°C~40°CTemperature: -20°C~85°C
Power output interface	3P 20A	**Dimension (HxWxD)**	452 x 200x 65mm
Control input	1 RS232 serial port 1 RJ45 network port	**Weight**	
	1 RS232 cascade serial port		