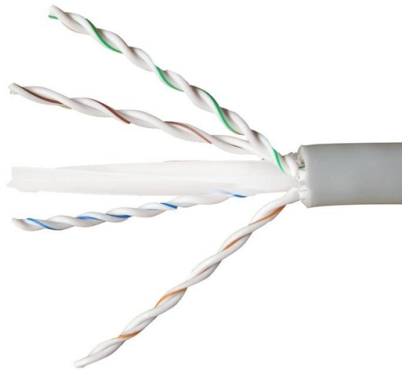


How to use a high-quality intelligent power distribution box



AI Overview

A high-quality intelligent power distribution box allows safe, efficient, and remotely controllable power management for residential, commercial, or industrial applications. Understanding the Intelligent Power Distribution Box An intelligent power distribution box (iPDU) combines traditional distribution components—such as air switches, AC contactors, and leakage protectors—with smart controllers like the KC868-H8, enabling remote control, energy monitoring, and automated management of connected devices. These boxes are designed to safely distribute electricity to multiple circuits while providing real-time feedback and control over power usage.

Key Features

- Remote Power Control:** You can cut off or restore power remotely, enhancing safety and convenience.
- Energy Saving:** Timing modes allow scheduled operation of devices, reducing unnecessary energy consumption.
- Sensor Integration:** Connect sensors for smoke, human motion, door locks, wind, rain, or power loss to trigger alarms or automated actions.
- Load Management:** The air switch and AC contactor control the maximum power load, suitable for a single floor, building, or entire facility.
- Safety Protections:** Built-in GFCI and leakage protection prevent overloads, short circuits, and electrical hazards.

Steps to Use

- Installation:** Mount the box according to the environment—indoor, outdoor, or industrial settings—and ensure proper grounding and wiring.
- Connect Devices:** Attach your electrical loads to the output terminals, ensuring the total load does not exceed the rated capacity.
- Integrate Sensors:** Connect any required sensors to the input terminals for real-time monitoring and automated control.
- Configure Controller:** Use the mobile app or network interface to set schedules, monitor energy usage, and configure alerts.
- Test Safety Features:** Verify that the leakage protection, air switches, and GFCI functions...

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Intelligent power distribution box is composed of traditional leakage protector, air switch, AC contactor and KC868-H8. Compared with the traditional power distribution box, it is safer to cut off the strong

Intelligent Power Distribution Box Solution

Compared with the traditional power distribution box, it is safer to cut off the strong power supply remotely, and it can save energy through the timing mode while controlling the equipments

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Contact Us

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