

Home Smart Switch for Distribution Box



Article Overview

A Smart Switch Home Distribution Box is an advanced electrical panel that manages, monitors, and remotely controls your home's power circuits while enhancing safety and energy efficiency.

Overview

A smart home distribution box functions like a traditional electrical panel by splitting incoming power into multiple circuits for different rooms or appliances, but it adds intelligent monitoring and control features. It protects your home from overloads, short circuits, and electrical faults using built-in circuit breakers and safety switches while providing real-time data on power usage .

Key Features

- **Remote Control:** Many smart distribution boxes allow you to turn circuits on or off via a smartphone or tablet using apps like Tuya, even over 4G networks with SIM modules .
- **Energy Monitoring:** They track voltage, current, frequency, and power consumption for each circuit, helping you identify unusual energy use and optimize efficiency .
- **Integration with Smart Home Systems:** These panels can work with solar panels, battery storage, and electric vehicle chargers, enabling dynamic energy management and cost savings .
- **Customizable Channels:** Options range from 8 to 32 channels, with relay outputs and digital input ports for flexible control of multiple devices .
- **Automation and Scheduling:** You can set timers for appliances, lighting, or heating...

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Smart home / Main distribution panel smart controller

I want a board to control the main distribution board of a home. So a relay board which will be controlled online and

Contact Us

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