Power distribution box

TL-EP2802IP

Features

*LCD screen: The device uses a 2.8-inch LCD screen (equipped with touch buttons), which can display the current, voltage, power and switch status of each output channel in real time. It also supports viewing device operation logs, device information, and temperature and humidity data. It also has anti-touch mode and screen saver setting functions, which is convenient for users to comprehensively monitor and maintain the device.

*Relay: Built-in 12 relays with control, can be triggered instantly, ensuring the rapid response and control accuracy of the equipment.

*Air switch: It has dual overload and short-circuit protection functions. Each output is equipped with overload, short-circuit and leakage protection mechanisms, which can cut off the power supply in time when the equipment encounters abnormal conditions, effectively protecting the safety of circuits and equipment.

*Multiple communication protocols: Support international DMX512 signal protocol and ART-NET network protocol, convenient for communication and control with other devices, and improve the compatibility and scalability of the equipment.

*Independent switch control: Each independent switch design can be controlled individually, and supports scheduled opening and closing functions to ensure the flexibility and stability of the equipment.

*Multiple operation modes: support physical buttons on the main unit of the electrical cabinet to manually turn on and off each circuit or use the lighting console to operate work instructions in real time, making it convenient for users to operate and control the equipment.

*Intelligent linkage control: Supports temperature and humidity monitoring functions, automatically alarms when abnormal temperature and humidity occur and turns off the relay switch in time, enabling the device to achieve intelligent management and control of environmental parameters in different application scenarios.

*Three-phase balance monitoring: Real-time detection of the input status of three-phase electricity, automatic alarm and timely power cut-off in case of abnormal conditions such as phase loss, phase error, voltage imbalance, etc., effectively protecting the safety of circuits and equipment.

*Timing control: Support timing control, you can customize the output channel timing to open or close, can be run once, or can be run in a cycle

*Monitoring function: Supports alarm monitoring of each output voltage, current, and power. When any circuit is abnormal, it will automatically alarm and turn off the relay switch of the corresponding circuit in time.

*Lightning protection: Support surge lightning protection, Up 1.8KV/Iimp 40KA lightning protection.

*Smart interconnection: Each output channel has current and voltage measurement functions, and is equipped with temperature and humidity sensors, which can monitor the temperature and humidity of the equipment's operating environment in real time. Users can remotely monitor the voltage, current, and power status of each output channel in real time through a mobile phone or tablet APP, as well as the temperature and humidity data of the equipment's environment, to achieve all-round and convenient equipment operation status control and environmental monitoring. (Used with the audio, video, and telecommunications control platform)

*Alarm Center: Supports automatic uploading of alarm reasons, real-time synchronization of alarm logs to the cloud, and remote real-time monitoring via mobile phone or computer. (Used with audio, video and telecommunication control platform)

Power distribution box

TL-EP2802IP

*Remote control: Supports remote control via the Internet. Users can easily control the main switch of the device and each switch on the mobile phone or tablet APP, and can flexibly set timing control tasks to achieve intelligent management of the device. (Used with the audio, video and telecommunications control platform)

*Signal interface: 1 three-core DMX512 input interface, 1 five-core temperature and humidity sensor input interface, 1 ArtNet network interface

*Standard accessories: 4 hooks and matching screws and nuts, 1 temperature and humidity sensor

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
Operating temperature	0℃～45℃
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