

What is an SXAP distribution box



Article Overview

The SXAP distribution box (SX-AP-169) is a smart electrical power distribution unit designed for safe, remote-controlled, and monitored power management.

Overview

The SXAP distribution box, specifically the SX-AP-169 model, is a 120-volt AC power distribution unit rated for 16 amps. It is designed to safely distribute electrical power to multiple devices while providing advanced monitoring and control features . Unlike standard distribution panels, it integrates smart capabilities for remote management and precise measurement of electrical parameters.

Key Features

- **Multiple Outlets:** The unit has 9 AC receptacles, with 8 individually switched outlets, allowing selective control of connected devices .
- **USB Port:** Includes a USB port for out-of-band control and configuration .
- **Remote Control:** Supports remote turn-on, turn-off, and reboot via wired Ethernet, enabling scheduling, sequencing, and automated triggers .
- **Measurement Capabilities:** Monitors voltage, current, power, frequency, energy, and temperature, with data stored in internal memory for analysis .
- **Communication Protocols:** Compatible with HTTP, HTTPS, SNMPv1/v3, NTP, mDNS, 802.1x, and LDAP, allowing integration into networked environments .
- **Safety Features:** Provides EMI/RFI filtering and catastrophic over/under-voltage shutdown, protecting connected equipment from electrical hazards .

Applications

Article Content

Final Power Distribution Boxes | Product Catalog | CHINT Global

Compact final distribution boxes for safe, accessible, and precise power control across all electrical environments.

What Is a Distribution Box?

Learn about distribution boxes, their functions, types, and key factors to consider when choosing one for residential or

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Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find

A comprehensive understanding of distribution box

□□ Introduction Distribution boxes are at the heart of safe and organized electrical systems—whether in residential,

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Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

Understanding Distribution Boxes:A Comprehensive Guide

Understanding its significance, this article covers what a distribution box is, how it functions,

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Electrical Distribution Boxes -ZHENGKAI

A distribution boxes acts as the load center and main distributor of electrical power within a building. Also called a

B03-00006_REV-A_SURGEX_Data-Sheet_SX-AP-169

TECHNICAL The shielding steel enclosure. SX-AP-169 shall operate at 120 volts AC with a load rating of 16 amps. Each unit

Electrical Distribution Boxes for Power Distribution | Wieland

These Distribution Boxes enable decentralized installation of the electronics close to the load. The range of applications extends from

Complete Guide For Distribution Boxes Types

Distribution boxes, also known as electrical distribution boards or panels, are pivotal components in electrical systems, ensuring the

What Is a Distribution Box? Types, Components & How to Choose

A distribution box, also called an electrical distribution box, distributes incoming power to protected circuits. Learn its

Distribution Box: Types and Functions | Axis-Electricals

A distribution box ensures that electrical supply is distributed in the building, also known as a distribution board, panel board, breaker

What Is Distribution Board? Types, Uses and Installation Guide

Learn what is distribution board, its meaning, types, uses, and installation best practices for safe, efficient, and reliable electrical

Distribution board

The box pictured top-right is a " Wylex standard" fitted with rewirable fuses. These boxes can also be fitted with cartridge fuses or

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B03-00006_REV-A_SURGEX_Data-Sheet_SX-AP-169

SX-AP-169 shall operate at 120 volts AC with a load rating of 16 amps. Each unit features a detachable line cord. There are 9 AC

Understanding Distribution Boxes: Your Guide to Power

What are Distribution Boxes and Their Importance? What are Distribution Boxes and Their

What is a Distribution Box? – A Comprehensive Guide

A distribution box organizes and controls power flow, ensuring safety and efficiency in electrical systems.

Distribution Box Guide: Types, Components & Solutions

What is a Distribution Box? A distribution box, or DB box, is a circuit breaker enclosure. It is a vital part and central

Distribution Box: Types and Functions | Axis-Electricals

The distribution box serves as the load centre and distributor of electrical power. A distribution box ensures that electrical supply is

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Distribution Boxes Types – The Complete Guide

Types of Distribution Boxes The electrical power distribution boxes are distribution boards or breaker panels.

The Ultimate Guide to Distribution Box Types

Discover the key types of distribution boxes with NUOMAK's comprehensive guide. Learn about Main Distribution Boards (MDB),

STOXX® Europe 600 Automobiles & Parts

Using the market standard ICB - Industry Classification Benchmark, companies are categorised according to their primary source of

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