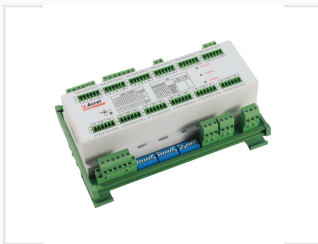


Data Center Power and Energy Monitor

This device is designed for power supply management of servers in data centers. It monitors 2 incoming and 36 outgoing circuits, measuring voltage, current, power, energy, and power factor.



ADDITIONAL IMAGES



Overview

Intelligent Data Center Monitoring

This programmable three-phase power and energy monitor is specifically engineered for server power management in data center environments. Utilizing advanced AC sampling technology, it provides precise measurement of voltage, current, and energy consumption across multiple circuits. The device integrates seamlessly into existing industrial control systems, supporting both local display and remote communication protocols.

Technical Specifications

Monitoring Channels

2 channels

Incoming Line Circuits

36 channels

Outgoing Line Circuits

Measured Parameters

Voltage (U), Current (I), Active Power (P), Reactive Power (Q), Apparent Power (S), Power Factor (PF), Active Energy (kWh), Reactive Energy (kvarh)

Connectivity & Control

Communication Interfaces

- 2 x RS485 Communication Ports
- Modbus Protocol Support

I/O Capabilities

1 On-Off Output

Advanced Features

Harmonic Analysis

Optional 2nd-15th Harmonic

Sampling Technology

AC Sampling Technology