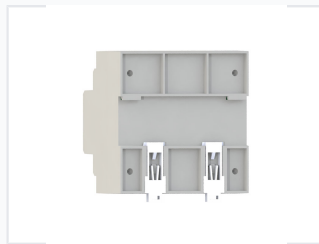


DIN Rail AC Multi-Channel Power Meter

This DIN rail AC multi-channel power meter is designed for three-phase electrical systems. It accurately measures electrical power consumption across multiple channels.



ADDITIONAL IMAGES



Overview

Advanced Multi-Channel Metering

The MCM series multi-channel power meter is a precision metering device specifically engineered for monitoring feeder loops in three-phase or single-phase branch circuits. Featuring 0.5 class high-precision performance, it enables real-time metering, energy consumption monitoring, and power quality analysis in a compact DIN-rail mountable design. This solution helps reduce equipment investment costs while improving reliability and maintenance efficiency across commercial, industrial, and utility electrical projects.

Key Features

Core Capabilities

- 12 channels single phase circuit metering
- Accuracy class 0.5
- RS-485 Modbus/RTU Communications
- Harmonic analysis capabilities
- SPDT relay output for alarm output
- Universal power supply (85-265VAC/DC)

Technical Specifications

Current Measurement

9999 A

Measurement Range

0.2 VA

Input Consumption

Voltage Measurement

300 VAC

Direct Measurement Max

65 Hz

Frequency Max

Auxiliary Power Supply

85-265 VAC/DC, 50/60 Hz

Connectivity & I/O

Communication Protocol

RS485 • Modbus RTU

Relay Output

1 x SPDT relay (230 VAC, 5 A)

Applications

Typical Applications

Distribution Feeders, Transformers, Generators, Capacitor Banks, Motors, Power Quality Analysis