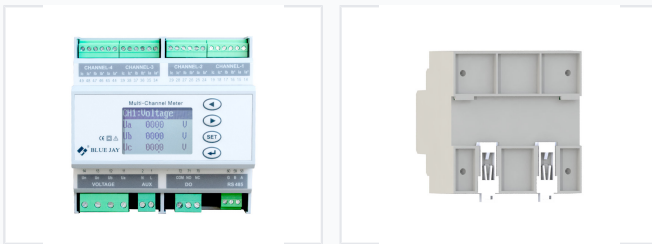


# DIN Rail AC Multi-Channel Power Meter

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