

Three-Phase DIN Rail Electronic Energy Meter

This three-phase electronic energy meter is designed for DIN rail mounting. It accurately measures active energy consumption and features a digital display for easy reading.



Overview

Smart Three-Phase Metering Solution

This advanced three-phase DIN rail electronic energy meter is engineered with the latest integrated circuit technology to provide precise energy measurement, control, and communication. Designed for efficiency, its compact size allows for seamless integration alongside circuit breakers and contactors in industrial, educational, and commercial environments. The device supports dual-parameter measurement and MODBUS-RTU communication, making it an ideal signal collection unit for complex electrical power management needs.

Technical Specifications

Voltage Ratings

- 3x220/380V
- 3x230/400V
- 3x240/415V
- 3x120/207V

Accuracy Class

Active: Class 1, Reactive: Class 2

International Standards

IEC62052-11, IEC62053-21, IEC62053-23

Key Metrics

Operational Metrics

50 Hz

Frequency

15 years

Expected Life

0.5 s/d

RTC Deviation

Physical Attributes

Physical Specs

Dimension	Value
Size	100mm x 72mm x 65mm
Net Weight	0.35 kg

Environmental Conditions

Operating Temperature

-25°C to +60°C