

DIN Rail Single Phase Energy Meter

This meter measures positive active energy and various real-time parameters, including voltage, current, and active power. Designed for DIN-50022 standard 35mm DIN rail installation, it features a legible 7-segment LC display.



Product Overview

Precision Energy Monitoring

This DIN rail mounted single-phase energy meter provides high-accuracy measurement of positive active energy and real-time electrical parameters. It features a legible 7-segment LCD display that remains readable even without power supply for up to two weeks. Designed for standard 35mm rail installation, it is an ideal solution for residential, commercial, and industrial power monitoring requirements.

Electrical Specifications

Rated Voltage

230 V

Voltage

50 Hz

Frequency

Reference/Limiting Current

- 10(65)A
- 5(32)A

Performance

Accuracy Class

Class B • $\pm 1\%$

Inrush Current

40 mA

Interface & Connectivity

Pulse Output (S0)

Parameter	Value
Pulse Output	2000 imp/kWh
Pulse Length	30ms
Impedance	100 Ohm

Physical & Environmental

External Dimensions

- Height: 82mm
- Width: 18mm
- Depth: 58mm

Ambient Temperature

-25 to +55

Compliance

Certifications & Standards

TCM221/14-5207, DIN EN 62053-31, Class M1, Class E2