

# 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