

Single-Phase Digital Energy Meter

This is a single-phase watt-hour meter designed for measuring electrical energy consumption. It features a digital display and an impulse output of 278imp/kWh, with specifications for FM2A, CL100, TA15, 60Hz, CA1.0, 120/240V, and 3W.



Overview

High-Precision Energy Measurement

The SME 12(13)-A is a high-performance single-phase static electricity meter designed for accurate active energy measurement in AC power systems. Engineered for reliability, it integrates advanced sampling and processing functions to ensure precise monitoring of energy consumption. This device is fully compliant with IEC62053 standards, making it a dependable solution for 50Hz or 60Hz electrical infrastructure.

Technical Specifications

Accuracy Class

Class 1.0

Phase Configuration

Single-phase two-wire (three-wire compatible)

Operating Frequency

60 Hz

Rated Voltage

120/240V

Performance Metrics

Key Performance Metrics

278 imp/kWh

Impulse Output

3.6 Wh/rev

Kh Constant

15 A

Test Amps (TA)

Standards & Compliance

Compliance Standards

IEC62053, FM2A, CL100