

Single Phase Digital Electric Energy Meter

This is a single-phase, two-wire kilowatt-hour (kWh) meter designed for measuring electrical energy consumption. It operates at 230V and is rated for 5(20)A, with a frequency of 50Hz.



Overview

Professional Energy Metering

The DDS38 is a robust single-phase, two-wire static watt-hour meter designed for precise energy measurement in residential and light commercial environments. It features a compact, flame-retardant polycarbonate casing and offers high reliability with low power consumption. Engineered to prevent tampering and fraud, this device ensures accurate energy data collection in both directions.

Technical Specifications

Rated Current

5 A

Base Current

20 A

Maximum Current

Rated Voltage

230 V

Frequency

50 Hz

Impulse Rate

1600 imp/kWh

Compliance & Standards

Safety & Security

Anti-Tamper • Fraud Protection • Flame Retardant

Compliance Standards

IEC61036, ISO9001

Design & Construction

Construction Details

- Single phase 2-wire network
- Solid state Electro-mechanical register
- High impact strength polycarbonate case
- Unidirectional current flow measurement