

# 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