

Electronic Watt-Hour Meter

This electronic watt-hour meter is designed for the accurate measurement of electrical energy consumption. It features a digital display and multiple voltage and current ratings, making it suitable for residential, commercial, and industrial applications.



Overview

High-Efficiency Energy Metering

The DTS541 is a robust electronic watt-hour meter engineered for precise energy consumption measurement in three-phase electrical services. Designed for both residential and industrial environments, it offers reliable solid-state performance that ensures long-term operational efficiency. By delivering high-accuracy data, this meter helps optimize energy management and significantly reduces the total cost of ownership over its service life.

Technical Specifications

Voltage Rating	3x230/400V
Current Rating	10/100A
Accuracy Class	0.2S
Pulse Constant	800imp/kWh
Pulse Width	30 ms

Compliance & Standards

Standards Compliance	IEC 62053-21, IEC 62053-23
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Key Features

Measurement Capabilities

- L1 phase voltage
- L2 phase voltage
- L3 phase voltage
- Neutral current
- Total current

Performance Highlights

0.2 S Accuracy Class	100 A Max Current
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