

Single-Phase Electronic Energy Meter 230V 10(40)A

This single-phase electronic energy meter accurately measures electrical energy consumption. It operates at 230V with a current range of 10A (40A max) and features a pulse output of 1600 imp/kWh.



ADDITIONAL IMAGES



Product Overview



High-resolution display with status indicators for power and pulse output.

High-Precision Single-Phase Meter

The YFM75SA-S series is a professional-grade single-phase electronic energy meter designed for high-accuracy electricity consumption monitoring in residential and commercial settings. It features a robust design with a 1600 imp/kWh pulse output to ensure precise data acquisition. With integrated support for digital communication protocols like MODBUS-RTU and RS485, it allows for seamless remote data integration and efficient energy management.

Technical Specifications



Compact design suitable for standard DIN rail installation.

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| Rated Voltage | 230 V |
| Current Rating | 10(40)A |
| Operating Frequency | 50 Hz |
| Pulse Constant | 1600 imp/kWh |

Standards & Connectivity



Clearly labeled terminal block supporting RS485 connectivity.

Connectivity Features

- RS485 Communication
- MODBUS-RTU Protocol
- IR Data Access

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| Standards Compliance | IEC62053-21, CE |
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Performance Metrics

Key Operating Metrics

230 V

Voltage

40 A

Max Current

1600 imp/kWh

Pulse Output