

Product sheet

SCHNEIDER 40A single-phase meter, Modbus communication, high accuracy.

Brand: SCHNEIDER

Reference: IMPO A9MEM2055



40A Modbus single-phase meter, designed for accurate electricity consumption measurement. Ideal for residential and industrial applications, it enables communication via the Modbus protocol, facilitating integration into energy management systems.

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Description

The Modbus 40A Single-Phase Meter is a device designed for the precise measurement of electrical energy in residential and industrial applications. This meter allows the monitoring of electrical parameters such as voltage, current, active and reactive power, as well as energy consumption in kilowatt-hours (kWh). Its Modbus communication interface facilitates integration into energy management systems, enabling remote monitoring and real-time data analysis. With a load capacity of up to 40 amps, this meter is ideal for installations requiring rigorous energy consumption control.

- **Connection type:** Single-phase
- **Load capacity:** 40A
- **Communication:** Modbus RTU protocol
- **Voltage measurement:** 230V AC
- **Accuracy:** Class 1 ($\pm 1\%$)
- **Measured parameters:** Voltage, current, active power, reactive power, energy
- **Dimensions:** Compact, easy to install in electrical panels
- **Operating temperature:** -10°C to 55°C
- **Certifications:** CE, RoHS
- **Protection:** IP20 protection rating

Specifications

Rated current (A)	40
EAN	3606489566548
Reference	SCHNEIDER A9MEM2055

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