

Single-Phase and Three-Phase Energy Meters

These energy meters are designed for measuring electrical energy consumption in residential, commercial, and industrial applications. Some models feature digital displays and Modbus communication interfaces for remote data access and control.



ADDITIONAL IMAGES



Overview

Advanced Energy Metering Solutions

The N8DM series offers advanced single and three-phase multifunction DIN rail meters designed for precise energy measurement in diverse electrical environments. These meters support comprehensive monitoring of voltage, current, power, and active or reactive energy, providing essential data for both imported and exported energy. With a user-friendly industrial design featuring large LCD displays and touch-sensitive controls, they ensure ease of operation while maintaining secure configuration through password protection.

Technical Specifications

Supported Configurations	1P2W, 3P3W, 3P4W
Maximum Current	100 A
Communication Interfaces	Pulse Output, RS485 Modbus RTU
Max Demand Integration Period	60 min

Standards and Certification

Compliance

EU Directive 2014/32/EU • EN50470-1/3 • 3K6

Traceable Number	0120/SGS0430
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Device Models

Model Specifications

Model Type	Voltage	Current Range
Single-Phase (Low)	230V	0.25-3(45)A
Single-Phase (High)	230V	0.5-10(100)A
Three-Phase	3x230/400V	0.5-10(100)A