

## Electrical Control Panel Energy Meter



The EPM-14-M1 Electrical Control Panel Energy Meter is a high-performance instrument designed to make the monitoring and managing of electrical systems simple and precise.

Developed for various functions such as electrical control panels, power distribution boards, instrumentation panels, and transformer training setups, the EPM-14-M1 gives the user a clear, real-time overview into their energy systems.

Compatible with three-phase, four-wire networks, it handles voltages from 30 to 300V AC between line and neutral and from 50 to 520V AC between lines, making it suitable for a wide range of industrial and commercial applications.

The meter provides dual displays with a bright red 8-digit readout for energy consumption in kilowatt hours and a green 4-digit display for active power in kilowatts, allowing users to monitor both usage and demand at a glance. It supports pulse output and RS-485 Modbus communication, providing seamless integration into existing systems and the option for relay output adds flexibility for automation and control tasks.

The EPM-14-M1 can measure currents from 50mA to 5A directly or through a current transformer, thereby offering versatility for different panel setups. Its compact size fits standard 96 by 96 millimetre panels. The front face can be protected to IP-65 standards to withstand dust and moisture. This makes the instrument reliable in tough environments. Operating efficiently on a wide power supply range of 100 to 270V AC, the EPM-14-M1 consumes minimal power while providing highly accurate measurements from 0 to 9999 kW and up to 99,999,999 kWh.

Built to CAT III voltage safety standards and capable of withstanding temperatures of up to 50°C with high humidity, this meter ensures safe, precise, and dependable energy, capable of monitoring a variety of industrial needs.

Call us for more information on the EPM-14-M1 Electrical Control Panel Energy Meter.

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