

Multifunction Power Meter

This multifunction power meter is designed for accurate measurement and monitoring of electrical parameters in industrial and commercial applications. It measures voltage, current, power, energy, frequency, and power factor, providing comprehensive energy data for efficient energy management.



ADDITIONAL IMAGES



Overview

Compact Power Monitoring Solution

This multifunction power meter is a compact, powerful monitoring device designed for industrial, commercial, and government applications. It serves as an ideal replacement for traditional analog volt and amp meters, capable of tracking over 50 electrical parameters. With support for multiple communication protocols, it integrates seamlessly into building automation and energy management systems to support cost allocation and efficiency programs.

Key Features

Communication Protocols

Modbus RTU • Modbus TCP • PROFINET • PROFIBUS-DP

Suitable Applications

Industrial Control, Building Automation, Energy Monitoring, Cost Allocation, LEED Certification Support, SCADA Systems

Electrical Specifications

Voltage Measurement Range

40 V

Min Voltage (L-N)

480 V

Max Voltage (L-N)

831 V

Max Voltage (L-L)

Current Measurement Range

1 %

Min Current

120 %

Max Current

Digital Inputs & Outputs

Digital Input Characteristics

Parameter	Value
Signal <1> Recognition	13 V
Signal <0> Recognition	8 V
Rated DC Voltage	24 V
Input Delay Time (Max)	5 ms

Digital Output Characteristics

Parameter	Value
Output Current (Signal 0 Max)	0.2 mA
Output Current (Signal 1 Min)	27 mA
Output Current (Signal 1 Max)	27 mA
Output Current (DC Max)	100 mA
Output Delay (Max)	5 ms