

Power Distribution Solutions

PAC4200 Power Meter

Reliable and Precise Monitoring of Electrical Power Systems

The **PAC4200** is a feature packed power monitoring device that is suitable for use in industrial, government and commercial applications where basic to advanced metering, logging, and I/O is required. The meter may be used as a stand alone device monitoring over 200 parameters or as part of an industrial control, building automation or global enterprise wide monitoring system.

Advanced power quality monitoring and logging applications range from single low-voltage breaker / building metering to sub-station main feeder monitoring, sub-billing or cost allocation installations with multiple tariffs. Whether your goal

is to reduce operation cost, reduce your carbon footprint or to maintain your power assets, the PAC4200 meter should be an important part of your power monitoring system.

The PAC4200 provides open communication using the standard built-in Ethernet Modbus TCP and has the capability of communicating through Optional Modbus RTU, PROFIBUS-DP, and PROFINET protocol modules simultaneously. This allows for easy integration into any local or remote monitoring system. The gateway functionality of this device reduces installation cost by replacing other gateway devices and simplifying wiring.

Precision

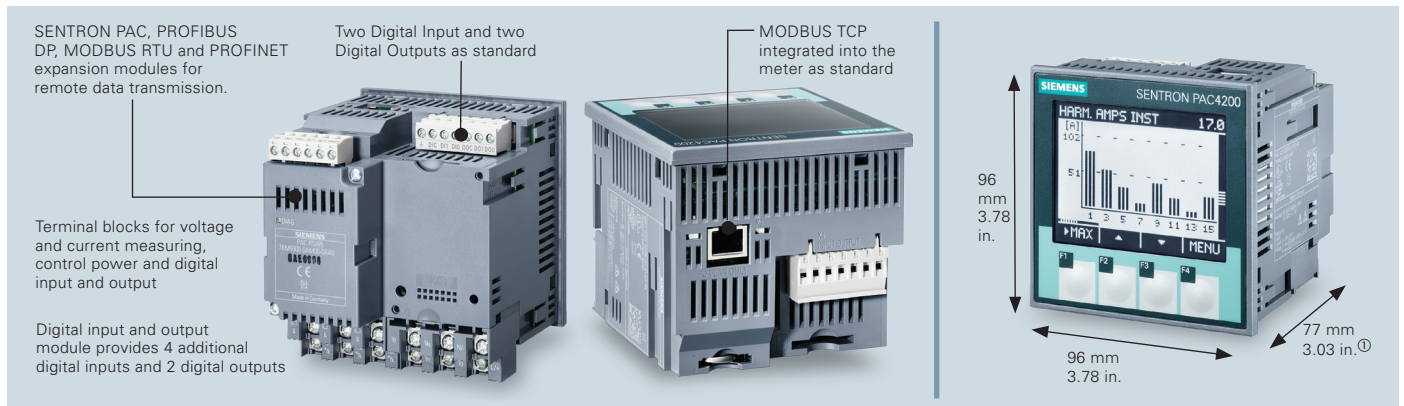
- ANSI C12.20 Class .2s
- Energy Measurement
 - Voltage +/- .2%
 - Current +/- .2%
 - Power Factor +/- .5%
 - Sampling Rate 170/per cycle
 - Individual Harmonics up to 31st
- Power Quality
- Revenue Accurate
 - Sub Billing
 - Cost Allocation
- Cost Effective

Energy Management

- Serves two masters via the TCP connection
- Energy Consumption
- Min/Max and Event Logs
 - Storage Capacity 40 days at 15 min intervals
 - Event Logging 4000 events
- Demand Control
- Automation Integration
- Modbus Gateway
- Modbus TCP/RTU
- Industrial Systems
 - PROFIBUS
 - PROFINET

Reliability

- Monitors Critical Equipment
- Economical Measurement
 - Commercial
 - Industrial
- Degree of Protection
 - Front – IP65
 - Rear – IP20
- 600V Connected Voltage
- Customizable Displays
- Simple Retrofit Installation
- Integration with Existing Systems
- Solution for LEED® credit



Order information

Product	Catalog Number
PAC4200 compression terminals (not suitable for use with ring tongue terminals), AC/DC	7KM42120BA003AA0
PAC4200 compression terminals (not suitable for use with ring tongue terminals), DC only	7KM42111BA003AA0
PAC PROFIBUS DP expansion module	7KM93000AB000AA0
PAC PROFINET expansion module	7KM93000AE010AA0
PAC I/O expansion module	7KM92000AB000AA0
PAC MODBUS RTU expansion module	7KM93000AM000AA0
PAC3200/4200 Meter DIN Rail adapter – Meter display will not be seen	7KM99000YA000AA0
PAC3200/4200 Meter DIN Rail 2-Tier adapter – Meter display will not be seen	7KM99000XA000AA0
Power Supply. Input: 120-230V AC / 110-300V DC Output: 24 V DC 4 Amps. DIN Rail mounted.	US2:PWRSP4A
Adapter Plate for 4700/4720 meter cutout	93-47ADAPTER

① 99mm, 3.90 in., with expansion module