

Power Distribution Solutions

PAC2200 Power Meter

Reliable and Precise Monitoring of Electrical Power Systems

The **PAC2200** is a powerful compact din rail mounted power monitoring device that is suitable for use in industrial, government and commercial applications where basic metering and energy monitoring is required. The meter may be used as a standalone device monitoring over 50+ parameters or as part of an industrial control, building automation or global power monitoring system. Metering and monitoring applications range from simple analog volt and amp meter replacements to stand-alone

sub billing or cost allocation installations with multiple tariffs.

The PAC2200 provides open communications using Modbus RTU/TCP, and Mbus protocols for easy integration into any local or remote monitoring system. With a built-in web server viewing your data has never been easier. Simple configuration of the meter can be done from the front display or by using a PC with SENTRON powerconfig setup free software available for download from SIEMENS website.

Precision

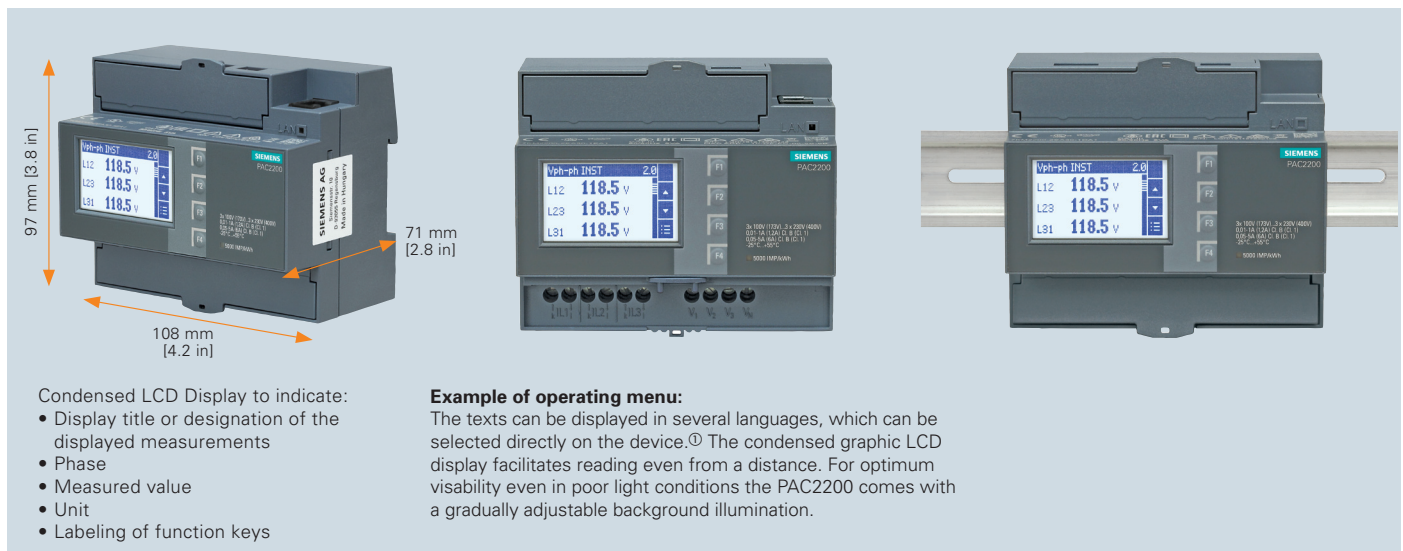
- ANSI C12.1 Class 1
- Energy Measurement
 - Voltage +/- 0.5%
 - Current +/- 0.5%
 - Power Factor +/- .5%
 - Sampling Rate 135K/per cycle
- Revenue Accurate
 - Sub Billing
 - Cost Allocation
 - MID Certified variant for European customers
- Cost Effective

Energy Management

- Serves three masters via the TCP connection
- Energy Consumption
- Automation Integration
- Solution for LEED® credit
- Monitors Critical Equipment
- Modbus TCP/RTU
- Mbus

Reliability

- Economical Measurement
 - Commercial
 - Industrial
 - Residential
- Degree of Protection
 - Front – IP40
 - Rear – IP20
- 400V Connected Voltage
- Simple Retrofit Installation
- Integration with Existing Systems



Order information

Product	Catalog Number
PAC2220 Modbus RTU, L-L: 400 V, L-N: 230 V, 5 Amp, self-powered, screw terminals	7KM22002EA301DA1
PAC2220 Modbus TCP, L-L: 400 V, L-N: 230 V, 5 Amp, strd rail instr, self-powered, screw terminals	7KM22002EA301EA1
PAC2220 Modbus RTU, MID Certified, L-L: 400 V, L-N: 230 V, 5 Amp, self-powered, screw terminals	7KM22002EA301HA1
PAC2220 Modbus TCP, MID Certified ,L-L: 400 V, L-N: 230 V, 5 Amp, self-powered, screw terminals	7KM22002EA301JA1

① Languages included as standard in the meter are English, German, French, Spanish, Italian, Portuguese, Turkish, Russian and Chinese.