Product update
PowerLogic PM5000 series meters

The value you want, the benchmark metering accuracy your customers need

> March 2014

Affordable to buy and easy to choose, the highly-capable PowerLogic PM5000 series meters are designed to provide the best combination of features to match all your energy cost management needs.

They provide the measurement capabilities needed to allocate energy usage, perform tenant metering and sub-billing, pinpoint energy savings, optimise equipment efficiency and utilisation and perform a high level assessment of the power quality of the electrical network.

Product refs	Description
METSEPM5100	PM5100 power meter 15th THD CL0.5 1DO
METSEPM5110	PM5110 power meter 15th THD CL0.5 1DO Modbus
METSEPM5111	PM5110 power meter MID version
METSEPM5310	PM5310 power meter 31st CL0.5 4tariffs 2DI/2DO Modbus
METSEPM5320	PM5320 power meter 31st CL0.5 4tariffs 2DI/2DO Ethernet
METSEPM5330	PM5330 power meter 31st CL0.5 4tariffs 2DI/2DO/2REL Modbus
METSEPM5331	PM5330 power meter MID version
METSEPM5340	PM5340 power meter 31st CL0.5 4tariffs 2DI/2DO/2REL Ethernet
METSEPM5341	PM5340 power meter MID VERSION
METSEPM5560	PM5560 power meter 63rd CL0.2 8tariffs 4DI/2DO Modbus & Ethernet on-board web page
METSEPM5561	PM5560 power meter MID version
METSEPM5563	PM5560 power meter no display version

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Key features and capabilities for improved metering performance

> Installation and configuration

- Easy, tool-free installation thanks to two-clip mounting and one-piece construction in a standard DIN 96 x 96 mm cutout
- Compact 72 mm depth

> Graphical display

- Back-lit, anti-glare display provides easy reading in extreme lighting conditions and viewing angles
- Intuitive menu-driven navigation, large characters, icons, and graphics offer easy access to important information in English, Spanish, French, Italian, German, Portuguese, Chinese, and Russian

> Onboard web pages (PM5500 models)

- View real-time and logged information using any browser for easy information access without specialised software
- Verify communications and easily troubleshoot issues

> Battery backed real-time clock

- Continues operation during power outages
- Time-stamped alarms and events

> Alarms

- Meters offer a combination of predefined and configurable alarms with 1 s time stamping, varies by meter model
- Each meter has an alarm log that contains the dated and time-stamped active and historical alarms
- Program alarms to trigger digital outputs or mechanical relays (select PM5300 models)

> Digital I/O

- Monitor alarms, synchronise demand with external pulse, count pulses, calculate consumption from other WAGES meters
- Use digital outputs to signal another device or software, or execute automatic actions such as control of basic equipment or alarm annunciation

> Data logging and internal memory

- PM5500 models: Up to 14 selectable parameters with configurable interval and duration (e.g. 6 parameters for 90 days @15 minute interval)
- PM5300 models: 2 parameters (kWh and kVAh) with configurable interval and duration for a total of 60 days @ 15 minutes

> Extended voltage range

- Direct connection up to 690 V L-L without voltage transformers for installations compliant with category III insulation level. Saves panel space by dispensing with transformers for control power or voltage inputs.

> Multiple tariffs

- Multiple tariffs offer the most flexibility with billing structures. Support up to 4 tariffs on PM5300 models or 8 tariffs on PM5500 models.
- Exported and imported real and reactive energy, apparent energy, input metering accumulated values, peak real power demand, peak reactive power demand

> Harmonics

- THD and individual harmonics to the 15th order for PM5100, 31st order for PM5300, and 63rd for PM5500

> Dual Ethernet (PM5500 models)

- Daisy chain meters together to minimise both the wiring and the need for external switches or hubs. Each meter has a single IP address.

For more information please visit
www.schneider-electric.com/uk or call 0870 608 8 608

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