



PowerLogic™ PM5000 series - Summary Sheet

The PowerLogic™ PM5000 series features a clear 96mm x 96mm backlit LCD display. Featuring Class 0.5S it measures a comprehensive range of parameters, including Energy, Active and Reactive Power, Voltage, Current, Frequency, Power Factor, and up to the 15th Harmonic. The meter is adaptable to both 50Hz and 60Hz networks and accommodates a supply voltage range of 100-415 VAC and 125-250 VDC. The line rated current is configurable for either 1A or 5A input, and it supports Single Phase, Three Phase or Three Phase and Neutral wiring configurations. For communication, the meter utilizes one digital pulse output or Modbus RS485 based on variant and it also includes and offers 33 configurable alarms for enhanced system monitoring.

Specification

Meter Type	Three Phase
Fitting Type	Panel Mounted
Max. Current (Amps)	5
MID Approved	Yes*
Input Type	Current Transformer
Output Type	RS485 Modbus & Pulse
Smart	No
Tariffs	Single
Import / Export	Import & Export
Accuracy class	C (Cl. 0.5S)
Max. Cable Size	2.5mm ²
Fuse Type (Auxiliary)	n/a
Fuse Type (Voltage Ref)	1A Fast Blow
Availability	Next Day
Brand	Schneider
Country of Manufacture	China

* Dependant on model selected

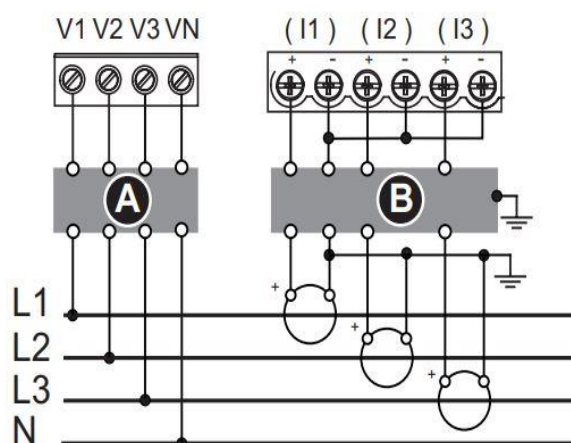
Model Variants

TPPSCPM5100	Pulse output – non MID
TPPSCPM5111	Pulse and ModBus – MID approved

Dimensions

3PH4W

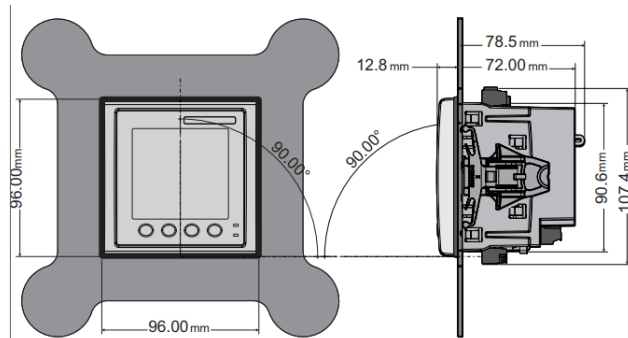
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Measured Parameters

Active Energy (kWh)	✓	Line Power Factor (PF)	✓
Active Power (W)	✓	Line Reactive Power (kVAR)	✓
Apparent Energy (kVAh)	✓	Line to Line Voltage (V)	✓
Apparent Power (kVA)	✓	Line to Neutral Voltage (V)	✓
Average Current (I)	✓	Maximum Current (I)	✓
Average Power Demands (W)	✗	Maximum Power Demands (W)	✓
Average Voltage (V)	✓	Maximum Voltage (V)	✗
Current (I)	✓	Power Factor (PF)	✓
Current in Neutral (I)	✗	Reactive Energy (kVArh)	✓
Frequency (Hz)	✓	Reactive Power (VAR)	✓
Hours Run (hr)	✗	Total Harmonic Distortion (Amps)	✓
Line Active Power (W)	✓	Total Harmonic Distortion (Volts)	✓
Line Apparent Power (kVA)	✓	Voltage (V)	✓
Line Current (I)	✓		

Dimensions



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