

# Bảng thông số sản phẩm

Thông số kỹ thuật



power meter PowerLogic PM5560,  
2 ethernet, up to 63th Harmonic,  
1,1MB 4DI/2DO 52 alarms

METSEPM5560

## Main

Range	PowerLogic
Product Name	PowerLogic PM5000
Device Short Name	PM5560
Product Or Component Type	Power meter

## Complementary

Power Quality Analysis	up to the 63rd harmonic
Metering Type	Measured neutral current Calculated ground current
Device Application	Gateway WAGES metering Power monitoring Multi-tariff
Type Of Measurement	Current Voltage Frequency Power factor Energy Active and reactive power
Supply Voltage	100...300 V DC 90...528 V AC 45...65 Hz
Network Frequency	60 Hz 50 Hz
[In] Rated Current	1 A 5 A
Type Of Network	3P + N 3P 1P + N
Maximum Power Consumption In Va	16 VA at 480 V
Ride-Through Time	35 ms 120 V AC typical 129 ms 230 V AC typical 50 ms 125 V DC typical
Display Type	Backlit LCD
Display Resolution	128 x 128 pixels
Sampling Rate	128 samples/cycle
Measurement Current	50...10000 mA
Analogue Input Type	Voltage (impedance 5 MOhm) Current (impedance <= 0.3 mOhm)
Measurement Voltage	20...400 V AC 45...65 Hz between phase and neutral 20...828 V AC 45...65 Hz between phases

<b>Frequency Measurement Range</b>	45...65 Hz
<b>Number Of Inputs</b>	4 digital
<b>Measurement Accuracy</b>	Apparent power +/- 0.5 % Frequency +/- 0.05 % Active energy +/- 0.2 % Reactive energy +/- 1 % Active power +/- 0.2 % Voltage +/- 0.1 % Power factor +/- 0.005 Current +/- 0.15 % Reactive power +/- 1 %
<b>Accuracy Class</b>	Class 0.2S active energy conforming to IEC 62053-22
<b>Number Of Outputs</b>	2 digital
<b>Information Displayed</b>	Tariff (8)
<b>Communication Port Protocol</b>	Modbus RTU and ASCII at 9.6, 19.2 and 38.4 kbauds even/odd or none - 2 wires, insulation 2500 V JBUS Modbus TCP/IP at 10/100 Mbit/s, insulation 2500 V Ethernet Modbus TCP/IP daisy chain BACnet IP DNP3 over ethernet
<b>Communication Port Support</b>	RS485 ETHERNET
<b>Communication Gateway</b>	Ethernet/serial
<b>Data Recording</b>	Event logs Maintenance logs Min/max of instantaneous values Data logs Alarm logs Time stamping
<b>Memory Capacity</b>	1.1 MB
<b>Web Services</b>	Alarm notification by e-mail Diagnostic via predefined web pages Web server Real time viewing of data
<b>Ethernet Service</b>	SNTP client SNMP-Traps
<b>Connections - Terminals</b>	Voltage circuit: screw terminal block4 Control circuit: screw terminal block2 Current transformer: screw terminal block6 RS485 link: screw terminal block4 Digital input: screw terminal block8 Digital output: screw terminal block4 Ethernet network: RJ45 connector2
<b>Mounting Mode</b>	Flush-mounted
<b>Mounting Support</b>	Framework
<b>Standards</b>	EN 50470-3 IEC 61557-12:2015 IEC 62053-22:2020 IEC 62053-24 IEC 60529 EN 50470-1 UL 61010-1 ANSI C12.20 IEC 62053-23:2020 IEC 62052-11:2020 IEC 62052-31:2015
<b>Product Certifications</b>	CE conforming to IEC 61010-1 CULus conforming to UL 61010-1 BTL
<b>Width</b>	96 mm

Depth	72 mm
Height	96 mm
Net Weight	450 g

## Environment

<b>Electromagnetic Compatibility</b>	Limits for harmonic current emissions class A conforming to IEC 61000-3-2 Conducted RF disturbances level 3 conforming to IEC 61000-4-6 Magnetic field at power frequency level 4 conforming to IEC 61000-4-8 Conducted and radiated emissions class B conforming to EN 55022 Limitation of voltage changes, voltage fluctuations and flicker in low-voltage conforming to IEC 61000-3-3 Electrostatic discharge - test level: 8 kV level 4 conforming to IEC 61000-4-2 Radiated radio-frequency electromagnetic field immunity test conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test level 4 conforming to IEC 61000-4-4 Surge immunity test level 4 conforming to IEC 61000-4-5 Voltage dips and interruptions immunity test conforming to IEC 61000-4-11
<b>Ip Degree Of Protection</b>	IP54 display: conforming to IEC 60529 IP30 rear: conforming to IEC 60529
<b>Relative Humidity</b>	5...95 % at 50 °C non-condensing
<b>Pollution Degree</b>	2
<b>Ambient Air Temperature For Operation</b>	-25...70 °C
<b>Ambient Air Temperature For Storage</b>	-40...85 °C
<b>Operating Altitude</b>	<= 3000 m

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	12.91 cm
<b>Package 1 Width</b>	13.271 cm
<b>Package 1 Length</b>	13.277 cm
<b>Package 1 Weight</b>	661.0 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	8.49 kg

## Bền vững

Nhãn **Green Premium™** là cam kết của Schneider Electric trong việc cung cấp sản phẩm với hiệu suất môi trường tốt nhất. Green Premium cam kết tuân thủ các quy định mới nhất, minh bạch về tác động môi trường, cũng như các sản phẩm tuần hoàn và CO<sub>2</sub> thấp.

**Hướng dẫn đánh giá tính bền vững của sản phẩm** là tài liệu kỹ thuật phổ thông giúp làm rõ các tiêu chuẩn nhân sinh thái toàn cầu và cách diễn giải việc khai báo môi trường.

[Tìm hiểu thêm về Green Premium >](#)

[Hướng dẫn đánh giá về sự bền vững của sản phẩm >](#)



Minh bạch **RoHS/REACH**

## Hiệu suất sức khỏe

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information **Yes**

## Chứng nhận & Tiêu chuẩn

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Environmental Disclosure

[Product Environmental Profile](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile

[End of Life Information](#)