

# Product datasheet

Specifications



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

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

## Certifications & Standards

**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](#)