

# Bảng thông số sản phẩm

Thông số kỹ thuật



## PM5320 Meter, ethernet, up to 31st H, 256K 2DI/2DO 35 alarms

METSEPM5320

### Main

Range	PowerLogic
Product name	PowerLogic PM5000
Device short name	PM5320
Product or component type	Power meter

### Complementary

Power quality analysis	up to the 31st harmonic
Device application	Multi-tariff Power monitoring
Type of measurement	Current Voltage Frequency Power factor Energy Active and reactive power
Supply voltage	100...415 V AC 45...65 Hz 125...250 V DC
Network frequency	50 Hz 60 Hz
[In] rated current	1 A 5 A
Type of network	1P + N 3P + N 3P
Maximum power consumption in VA	10 VA at 415 V
Ride-through time	80 ms 120 V AC typical 100 ms 230 V AC typical 100 ms 415 V AC typical
Display type	Backlit LCD
Display resolution	128 x 128 pixels
Sampling rate	64 samples/cycle
Measurement current	10...9000 mA
Analogue input type	Voltage (impedance 5 MOhm) Current (impedance 0.3 mOhm)
Measurement voltage	35...690 V AC 45...65 Hz between phases 20...400 V AC 45...65 Hz between phase and neutral
Frequency measurement range	45...65 Hz

<b>Number of inputs</b>	2 digital
<b>Measurement accuracy</b>	Active energy +/- 0.5 % Reactive energy +/- 2 % Active power +/- 0.5 % Apparent power +/- 0.5 % Frequency +/- 0.05 % Power factor +/- 0.005 Current +/- 0.5 % Voltage +/- 0.5 %
<b>Accuracy class</b>	Class 0.5S active energy conforming to IEC 62053-22
<b>Number of outputs</b>	2 digital
<b>Information displayed</b>	Tariff (4)
<b>Communication port protocol</b>	Modbus TCP/IP at 10/100 Mbit/s, insulation 2500 V BACnet IP
<b>Communication port support</b>	Ethernet
<b>Data recording</b>	Maintenance logs Alarm logs Min/max of instantaneous values Event logs Time stamping Data logs
<b>Memory capacity</b>	256 kB
<b>Connections - terminals</b>	Voltage circuit: screw terminal block4 Control circuit: screw terminal block2 Current transformer: screw terminal block6 Input/output circuit: screw terminal block6 Relay output: screw terminal block4 Ethernet network: RJ45 connector
<b>Mounting mode</b>	Flush-mounted
<b>Mounting support</b>	Framework
<b>Standards</b>	IEC 62053-22 EN 50470-1 IEC 60529 IEC 61557-12 UL 61010-1 EN 50470-3 IEC 62053-24
<b>Product certifications</b>	CE conforming to IEC 61010-1 CULus conforming to UL 61010-1
<b>Width</b>	96 mm
<b>Depth</b>	72 mm
<b>Height</b>	96 mm
<b>Net weight</b>	430 g

## Environment

<b>Electromagnetic compatibility</b>	Limits for harmonic current emissions class A conforming to IEC 61000-3-2 Electrostatic discharge level 4 conforming to IEC 61000-4-2 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
<b>IP degree of protection</b>	IP52 front: conforming to IEC 60529 IP30 body: conforming to IEC 60529
<b>Relative humidity</b>	5...95 % at 50 °C
<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>	2000 m

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	550.0 g
Package 1 Height	11 cm
Package 1 width	12.6 cm
Package 1 Length	12.6 cm
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Weight	7.096 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P12
Number of Units in Package 3	288
Package 3 Weight	206.4 kg
Package 3 Height	105 cm
Package 3 width	80 cm
Package 3 Length	120 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins