

# Bảng thông số sản phẩm

Thông số kỹ thuật



## power and energy meter PowerLogic PM5350 with THD, alarming

METSEPM5350

### Main

Range	PowerLogic
Product Name	PowerLogic PM5350
Device Short Name	PM5350
Product Or Component Type	Power meter

### Complementary

Power Quality Analysis	total demand distortion total harmonic distortion
Device Application	Power monitoring
Type Of Measurement	Current Voltage Frequency Power factor Energy Phase angle Apparent power Active power Reactive power
Supply Voltage	85...265 V AC 45...65 Hz 100...300 V DC
Network Frequency	50 Hz 60 Hz
[In] Rated Current	5 A 1 A
Type Of Network	1P + N 3P + N 3P
Maximum Power Consumption In Va	11.9 VA
Ride-Through Time	100 ms 120 V AC typical 400 ms 230 V AC typical 50 ms 125 V DC typical
Display Type	Monochrome graphic LCD
Display Resolution	6 lines
Sampling Rate	32 samples/cycle
Measurement Current	5...9000 mA
Analogue Input Type	Current 0.05...9 A (impedance $\leq$ 0.3 mOhm) Voltage (impedance 10 MOhm)
Measurement Voltage	35...480 V AC 45...65 Hz phase to phase 20...277 V AC phase to neutral
Frequency Measurement Range	45...70 Hz

<b>Number Of Inputs</b>	4 digital
<b>Measurement Accuracy</b>	Current +/- 0.3 % Voltage +/- 0.3 % Frequency +/- 0.05 % Power factor +/- 0.005 Active energy +/- 0.5 % Reactive energy +/- 2 % Active power +/- 0.5 % Apparent power +/- 0.5 % Apparent energy +/- 0.5 % Reactive power +/- 2 %
<b>Accuracy Class</b>	Class 0.5S active energy conforming to IEC 62053-22 Class 0.5 active energy conforming to IEC 61557-12 Class 2 reactive energy conforming to IEC 62053-23 Class 2 reactive energy conforming to IEC 61557-12 Class 0.5 power conforming to IEC 61557-12
<b>Number Of Outputs</b>	2 relay
<b>Information Displayed</b>	Tariff (4)
<b>Communication Port Protocol</b>	JBUS Modbus RTU and ASCII at 9.6, 19.2 and 38.4 kbauds
<b>Communication Port Support</b>	Terminal block: RS485
<b>Data Recording</b>	Min/max of instantaneous values Alarms
<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>Type Of Installation</b>	For indoor use in a stationary panel
<b>Standards</b>	IEC 61010-1
<b>Product Certifications</b>	CE CULus
<b>Width</b>	96 mm
<b>Depth</b>	44 mm
<b>Height</b>	96 mm
<b>Net Weight</b>	0.25 kg

## Environment

<b>Electromagnetic Compatibility</b>	Limitation of voltage changes, voltage fluctuations and flicker in low-voltage conforming to IEC 61000-3-3 Electrostatic discharge conforming to IEC 61000-4-2 Susceptibility to electromagnetic fields conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test conforming to IEC 61000-4-4 1.2/50 $\mu$ s shock waves immunity test conforming to IEC 61000-4-5 Conducted RF disturbances conforming to IEC 61000-4-6 Immunity to impulse waves conforming to IEC 61000-4-12 Conducted and radiated emissions class A conforming to EN 55011 Limits for harmonic current emissions conforming to IEC 61000-3-2
<b>Overvoltage Category</b>	III
<b>IP Degree Of Protection</b>	IP30 rear: conforming to IEC 60529 IP54 display: 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 meter -20...70 °C display -25...-20 °C (with reduced performance) display
<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>	11.200 cm
<b>Package 1 Width</b>	12.500 cm
<b>Package 1 Length</b>	12.700 cm
<b>Package 1 Weight</b>	346.000 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	4.829 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## 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 nhãn 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



Mercury Free



Rohs Exemption Information

Yes

## Chứng nhận & Tiêu chuẩn

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant with Exemptions

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