

# Product datasheet

Specifications



## PM210 power meter unit with backlite green LCD display

PM210MG

! Discontinued on: 1 Nov 2020

! Discontinued

### Main

Range of product	PowerLogic PM200
Device short name	PM200
Product or component type	Power meter

### Complementary

Power quality analysis	Up to the 15th harmonic
Type of measurement	Frequency Power factor total Apparent power total Active power total Reactive power total Current per phase Voltage per phase Energy total
Supply voltage	125...250 V DC 100...415 V AC 50/60 Hz
Network frequency	50/60 Hz
Maximum power consumption in VA	5 VA
Display type	Backlit LCD
Display resolution	6 lines
Sampling rate	32 samples/cycle
Measurement current	5 A 1 A
Input type	Current 0.01...6 A (impedance <= 0.12 Ohm)
Measurement voltage	10...480 V AC 45...65 Hz phase to phase 10...277 V AC 45...65 Hz phase to neutral
Measurement accuracy	Power 1 % Current 0.5 % 1...6 A Voltage 0.5 % 50...227 V Frequency 0.02 Hz 45...65 Hz
Accuracy class	Class 1 active energy conforming to IEC 62053-21
Communication port protocol	Modbus 19.2 kbauds
Communication port support	RS485

### Environment

<b>Electromagnetic compatibility</b>	Limits for harmonic current emissions: , conforming to IEC 61000-3-2 Conducted and radiated emissions: , conforming to EN 55011 class A Electrostatic discharge immunity test: , class III, conforming to IEC 61000-4-2 Susceptibility to electromagnetic fields: , class III, conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test: , class III, conforming to IEC 61000-4-4 1.2/50 $\mu$ s shock waves immunity test: , class III, conforming to IEC 61000-4-5 Conducted RF disturbances: , class III, conforming to IEC 61000-4-6 Immunity to impulse waves: , class III, conforming to IEC 61000-4-8 Immunity to microbreaks and voltage drops: , class III, conforming to IEC 61000-4-11 Limitation of voltage changes, voltage fluctuations and flicker in low-voltage: , conforming to IEC 61000-3-3
<b>Mounting mode</b>	Flush-mounted
<b>Mounting support</b>	Panel
<b>Type of installation</b>	Indoor installation
<b>Overvoltage category</b>	III
<b>IP degree of protection</b>	IP30 back: conforming to IEC 60529 IP52 front face: conforming to IEC 60529
<b>Relative humidity</b>	95 % at 50 °C
<b>Pollution degree</b>	2
<b>Ambient air temperature for operation</b>	-5...55 °C
<b>Ambient air temperature for storage</b>	-40...85 °C
<b>Operating altitude</b>	0...3000 m
<b>Standards</b>	UL 508 IEC 61010-1
<b>Product certifications</b>	CE cULus
<b>Width</b>	96 mm
<b>Depth</b>	69 mm
<b>Height</b>	96 mm
<b>Net weight</b>	0.36 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## 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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RoHS/REACH

## Certifications & Standards

**Eu Rohs Directive**

Compliant

[EU RoHS Declaration](#)

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