



Principal

Gama	PowerLogic
Product name	PowerLogic PM3000
Device short name	PM3250
Tipo de producto o componente	Power meter

Complementos

Power quality analysis	Up to the 15th harmonic
Aplicación de dispositivo	Power monitoring Multi-tariff Sub billing
Type of measurement	Energy Active and reactive power Total current harmonic distortion THD (I) Total voltage harmonic distortion THD (U) Voltage Current Frequency Power factor Apparent power
[Us] rated supply voltage	100...300 V DC 100...277 V AC (45...65 Hz) 173...480 V AC (45...65 Hz)
Frecuencia de red	50 Hz 60 Hz
[In] rated current	1 A 5 A
Poles description	3P 1P + N 3P + N
Power consumption in VA	5 VA
Display type	Backlit LCD
Display resolution	128 x 96 pixels
Sampling rate	32 samples/cycle
Measurement current	0.02...1.2 A 0.05...6 A
Analogue input type	Current 0...5 A Current 0...1 A
Measurement voltage	50...330 V AC 45...65 Hz direct 50...330 V AC 45...65 Hz phase to neutral 80...570 V AC 45...65 Hz direct 80...570 V AC 45...65 Hz phase to phase 570...999000 V AC 45...65 Hz with external VT
Frequency measurement range	45...65 Hz
Number of inputs	0
Measurement accuracy	0.3 % current (0.5...6 A) 0.5 % current (0.1...1.2 A) 0.3 % voltage (50...330 V) 0.3 % voltage (80...570 V)

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Accuracy class	Class 0.5S (active energy de acuerdo a IEC 62053-22) Class 2 (reactive energy de acuerdo a IEC 62053-23) Class 1 (active energy de acuerdo a IEC 62053-21) Class C (active energy according to EN 50470-3)
Number of outputs	0
Information displayed	Tariff 4
Communication port protocol	Modbus: 9.6...38.4 kbauds,
Communication port support	RS485
Data recording	Time stamping 5 alarms Min/Max of instantaneous values
Mounting mode	Clip-on
Mounting support	DIN rail
Normas	UL 61010-1 IEC 61557-12 IEC 62052-11 EN 50470-3 EN 61010-1 EN 50470-1 EN 61557-12
Certificaciones de producto	CULus conforming to UL 61010-1 UL CE conforming to EN 61010-1
Anchura	90 mm
Depth	70 mm
Altura	95 mm
Peso del producto	0.26 kg

Ambiente

Electromagnetic compatibility	<ul style="list-style-type: none"> • conducted and radiated emissions class class B, conforme a EN 55022 • electrostatic discharge class level 4, conforme a IEC 61000-4-2 • conducted RF disturbances class level 3, conforme a IEC 61000-4-6 • electrical fast transient/burst immunity test class level 4, conforme a IEC 61000-4-4 • susceptibility to electromagnetic fields class level 3, conforme a IEC 61000-4-3 • 1.2/50 µs shock waves immunity test class level 4, conforme a IEC 61000-4-5 • magnetic field at power frequency (0.5 mT), conforme a IEC 61000-4-8
Overvoltage category	III
IP degree of protection	IP20 (body) conforme a IEC 60529 IP40 (front panel) conforme a IEC 60529
Relative humidity	5...95 % 50 °C
Pollution degree	2
Ambient air temperature for operation	-25...55 °C
Temperatura ambiente de almacenamiento	-40...85 °C
Operating altitude	0...3000 m

Oferta sustentable

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1214 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Manual De Gestión Residuos
Product end of life instructions	Available

Garantía contractual

Warranty period	18 months
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