



Product availability: Stock - Normally stocked in distribution facility



## Main

Range	PowerLogic
Product name	PowerLogic PM5000
Device short name	PM5330
Product or component type	Power meter

## Complementary

Power quality analysis	Up to the 31st harmonic
Device application	Power monitoring Multi-tariff
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
Line Rated Current	1 A 5 A
Type of network	3P + N 3P 1P + N
Maximum power consumption in VA	10 VA 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 5 MOhm) Current 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
Number of inputs	2 digital
Measurement accuracy	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 %

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Accuracy class	Class 0.5S active energy IEC 62053-22
Number of outputs	2 relay 2 digital
Information displayed	Tariff 4)
Communication port protocol	Modbus RTU and ASCII 9.6, 19.2 and 38.4 kbauds even/odd or none - 2 wires 2500 V JBUS
Communication port support	RS485
Data recording	Maintenance logs Time stamping Alarm logs Data logs Min/Max of instantaneous values Event logs
Memory capacity	256 kB
Connections - terminals	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
Mounting mode	Flush-mounted
Mounting support	Framework
Standards	UL 61010-1 IEC 62053-22 IEC 61557-12 EN 50470-3 IEC 60529 IEC 62053-24 EN 50470-1
Product certifications	CE IEC 61010-1 CULus UL 61010-1
Width	3.78 in (96 mm)
Depth	2.83 in (72 mm)
Height	3.78 in (96 mm)
Net weight	15.17 oz (430 g)

## Environment

Electromagnetic compatibility	Limits for harmonic current emissionsclass A IEC 61000-3-2 Electrostatic dischargelevel 4 IEC 61000-4-2 Conducted RF disturbanceslevel 3 IEC 61000-4-6 Magnetic field at power frequencylevel 4 IEC 61000-4-8 Conducted and radiated emissionsclass B EN 55022
IP degree of protection	Front IP52 IEC 60529 Body IP30 IEC 60529
Relative humidity	5...95 % 122 °F (50 °C)
Pollution degree	2
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Operating altitude	6561.68 ft (2000 m)

## Ordering and shipping details

Category	09777 - POWERLOGIC PM5000 HARDWARE
Discount Schedule	PL1
GTIN	00785901860662
Package weight(Lbs)	0.57 kg (1.25 lb(US))
Returnability	Yes
Country of origin	IN

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Dichloromethane (Methylene chloride) and Bisphenol A (BPA) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</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.