Product data sheet
Characteristics

METSEPM3200
PM3200 power meter

Product availability : Non-Stock - Not normally stocked in distribution facility

Green Premium™

Price** : 557.00 USD



Main

Range	PowerLogic
Product name	PowerLogic PM3000
Device short name	PM3200
Product or component type	Power meter

Complementary

Power quality analysis	up to the 15th harmonic
Device application	Multi-tariff Sub billing Power monitoring
Type of measurement	Active and reactive power Apparent power Current Voltage Energy Power factor Frequency
Supply voltage	100...277 V AC 45...65 Hz 173...480 V AC 45...65 Hz 100...300 V DC
Network frequency	50 Hz 60 Hz
Line Rated Current	5 A 1 A
Type of network	3P + N 3P 1P + N
Power consumption in VA	5 VA
Display type	Backlit LCD
Display resolution	128 x 96 pixels
Sampling rate	32 samples/cycle

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Measurement current	0.05…6 A 0.02…1.2 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	Current 0.3 % 0.5...6 A Current 0.5 % 0.1...1.2 A Voltage 0.3 % 50...330 V Voltage 0.3 % 80...570 V
Accuracy class	Class 0.5S active energy IEC 62053-22 Class 1 active energy IEC 62053-21 Class 2 reactive energy IEC 62053-23 Class C active energy EN 50470-3
Number of outputs	0
Information displayed	Tariff 4)
Communication port protocol	-
Communication port support	-
Data recording	Min/max of instantaneous values
Mounting mode	Clip-on
Mounting support	DIN rail
Standards	EN 61557-12 EN 61010-1 IEC 61557-12 EN 50470-3 UL 61010-1 EN 50470-1 IEC 62052-11
Product certifications	CE EN 61010-1 CULus UL 61010-1 UL
Width	3.54 in (90 mm)
Depth	2.76 in (70 mm)
Height	3.74 in (95 mm)
Net weight	0.57 lb(US) (0.26 kg)

Environment

Electromagnetic compatibility	Electrostatic dischargelevel 4 IEC 61000-4-2 Susceptibility to electromagnetic fieldslevel 3 IEC 61000-4-3 Electrical fast transient/burst immunity testlevel 4 IEC 61000-4-4 1.2/50 µs shock waves immunity testlevel 4 IEC 61000-4-5 Conducted RF disturbanceslevel 3 IEC 61000-4-6 Magnetic field at power frequency 0.5 mT IEC 61000-4-8 Conducted and radiated emissionsclass B EN 55022
Overvoltage category	III
IP degree of protection	Front panel IP40 IEC 60529 Body IP20 IEC 60529
Relative humidity	5…95 % 122 °F (50 °C)
Pollution degree	2
Ambient air temperature for operation	-13…131 °F (-25…55 °C)
Ambient air temperature for storage	-40…185 °F (-40…85 °C)
Operating altitude	0...9842.52 ft (0...3000 m)

Ordering and shipping details

Category	09786 - SE ENTRY POWER METER

Discount Schedule	PL1
GTIN	03606480481581
Returnability	No
Country of origin	CN

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months