Product data sheet
Characteristics

METSEPM5560
PM5560 Meter, 2 ethernet, up to 63th H, 1,1M 4DI/2DO 52 alarms

Product availability : Stock - Normally stocked in distribution facility

Green Premium™

Price** : 2,314.00 USD



Main

Range	PowerLogic
Product name	PowerLogic PM5000
Device short name	PM5560
Product or component type	Power meter

Complementary

Power quality analysis	up to the 63rd harmonic
Metering type	Measured neutral current Calculated ground current
Device application	Gateway WAGES metering Power monitoring Multi-tariff
Type of measurement	Current Voltage Frequency Power factor Energy Active and reactive power
Supply voltage	125...250 V DC 100...480 V AC 45...65 Hz
Network frequency	60 Hz 50 Hz
Line Rated Current	1 A 5 A
Type of network	3P + N 3P 1P + N
Maximum power consumption in VA	10 VA 480 V
Ride-through time	35 ms 120 V AC typical

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

	129 ms 230 V AC typical
Display type	Backlit LCD
Display resolution	128 x 128 pixels
Sampling rate	128 samples/cycle
Measurement current	5…10000 mA
Analogue input type	voltage 5 MOhm) current 0.3 MOhm)
Measurement voltage	20…400 V AC 45...65 Hz between phase and neutral 20…690 V AC 45...65 Hz between phases
Frequency measurement range	45…65 Hz
Number of inputs	4 digital
Measurement accuracy	Apparent power +/- 0.5 % Frequency +/- 0.05 % Active energy +/- 0.2 % Reactive energy +/- 1 % Active power +/- 0.2 % Voltage +/- 0.1 % Power factor +/- 0.05 % Current +/- 0.15 °C
Accuracy class	Class 0.2S active energy IEC 62053-22
Number of outputs	2 digital
Information displayed	Tariff 8)
Communication port protocol	Modbus RTU and ASCII 9.6, 19.2 and 38.4 kbauds even/odd or none - 2 wires 2500 V JBUS Modbus TCP/IP 10/100 Mbit/s 2500 V Ethernet Modbus TCP/IP daisy chain BACnet IP
Communication port support	RS485 Ethernet
Communication gateway	Ethernet/serial
Data recording	Event logs Maintenance logs Min/max of instantaneous values Data logs Alarm logs Time stamping
Memory capacity	1.1 MB
Web services	Alarm notification by e-mail Diagnostic via predefined web pages Web server Real time viewing of data
Ethernet service	SNTP client SNMP-Traps
Connections - terminals	Voltage circuit screw terminal block4 Control circuit screw terminal block2 Current transformer screw terminal block6 RS485 link screw terminal block4 Digital input screw terminal block8 Digital output screw terminal block4 Ethernet network RJ45 connector2
Mounting mode	Flush-mounted
Mounting support	Framework
Standards	EN 50470-3 IEC 61557-12 IEC 62053-22 IEC 62053-24 IEC 60529 EN 50470-1 UL 61010-1 ANSI C12.20
Product certifications	CE IEC 61010-1 CULus UL 61010-1 BTL
Width	3.78 in (96 mm)

Depth	2.83 in (72 mm)
Height	3.78 in (96 mm)
Net weight	15.87 oz (450 g)

Environment

Electromagnetic compatibility	Limits for harmonic current emissionsclass A IEC 61000-3-2 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 Limitation of voltage changes, voltage fluctuations and flicker in low-voltage IEC 61000-3-3 Electrostatic discharge 8 kVlevel 4 IEC 61000-4-2 Radiated radio-frequency electromagnetic field immunity test IEC 61000-4-3 Electrical fast transient/burst immunity testlevel 4 IEC 61000-4-4 Surge immunity testlevel 4 IEC 61000-4-5 Voltage dips and interruptions immunity test IEC 61000-4-11
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	9842.52 ft (3000 m)

Ordering and shipping details

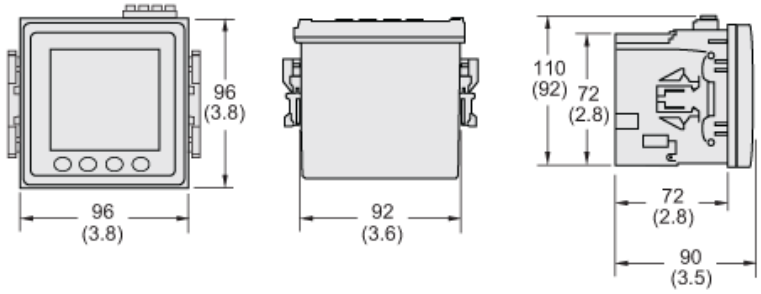
Category	09777 - POWERLOGIC PM5000 HARDWARE
Discount Schedule	PL1
GTIN	00785901977247
Returnability	Yes
Country of origin	IN

Offer Sustainability

Sustainable offer status	Green Premium product
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
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.

Approximate Dimensions

PM5000 Series Meters



PM5000 Series Remote Display

