METSEPM5563

PM5563 powermeter w 1mod2eth - upto 63th H - 1,1M 4DI/2DO 52alarms - DIN mount

Main

Range	PowerLogic
Product name	PowerLogic PM5000
Device short name	PM5563
Product or component type	Power meter

Complementary

Power quality analysis	Up to the 63rd harmonic
Device application	Multi-tariff Gateway WAGES metering Power monitoring
Type of measurement	Energy Active and reactive power Voltage Current Frequency Power factor
[Us] rated supply voltage	125...250 V DC 100...480 V AC (45...65 Hz)
Network frequency	60 Hz 50 Hz
[In] rated current	5 A 1 A
Poles description	3P + N 1P + N 3P
Power consumption in VA	10 VA at 480 V
Display type	Without display
Sampling rate	128 samples/cycle
Measurement current	5 mA...10 A
Analogue input type	Current (impedance 0.3 mOhm)

Life Is On | Schneider Electric

	Voltage (impedance 5 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	+/- 0.5 % apparent power +/- 0.05 % frequency +/- 0.2 % active energy +/- 1 % reactive energy +/- 0.2 % active power +/- 0.1 % voltage +/- 0.05 % power factor +/- 0.15 °C current
Accuracy class	Class 0.2S (active energy according to IEC 62053-22)
Number of outputs	2 digital
Information displayed	Tariff 8
Communication port protocol	Modbus RTU and ASCII 2 wires, : 9.6, 19.2 and 38.4 kbauds, even/odd or none, insulation: 2500 V JBUS Modbus TCP/IP : 10/100 Mbit/s, insulation: 2500 V Ethernet Modbus TCP/IP daisy chain BACnet IP
Communication port support	RS485 Ethernet
Communication gateway	Ethernet/Serial
Data recording	Min/Max of instantaneous values Event logs Time stamping Maintenance logs Alarm logs Data logs
Memory capacity	1.1 MB
Web services	Real time viewing of data Diagnostic via predefined web pages Alarm notification by e-mail Web server
Ethernet service	SNTP client SNMP-Traps
Mounting mode	Clip-on
Mounting support	DIN rail
Standards	EN 50470-1 IEC 62053-24 EN 50470-3 IEC 61557-12 IEC 62053-22 IEC 60529 UL 61010-1
Product certifications	CE conforming to IEC 61010-1 CULus conforming to UL 61010-1 BTL
Width	96 mm
Depth	72 mm
Height	96 mm
Product weight	450 g

Environment

Electromagnetic compatibility	● conducted and radiated emissions class class B, conforming to EN 55022 ● limitation of voltage changes, voltage fluctuations and flicker in low-voltage, conforming to IEC 61000-3-3 ● limits for harmonic current emissions class class A, conforming to IEC 61000-3-2 ● conducted RF disturbances class level 3, conforming to IEC 61000-4-6 ● magnetic field at power frequency class level 4, conforming to IEC 61000-4-8 ● electrostatic discharge class level 4 (8 kV), conforming to IEC 61000-4-2 ● radiated radio-frequency electromagnetic field immunity test, conforming to IEC 61000-4-3 ● electrical fast transient/burst immunity test class level 4, conforming to IEC 61000-4-4 ● surge immunity test class level 4, conforming to IEC 61000-4-5

Life Is On | Schneider Electric

● voltage dips and interruptions immunity test, conforming to IEC 61000-4-11

IP degree of protection	IP52 (front) conforming to IEC 60529 IP30 (body) conforming to IEC 60529
Relative humidity	5...95 % 50 °C
Pollution degree	2
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Operating altitude	3000 m

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1340 - Schneider Electric declaration of conformity 📱 Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available 📱 Product environmental
Product end of life instructions	Available 📱 Product environmental