

Product datasheet

Specifications



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

Local distributor code:

398144526

METSEPM5560

EAN Code: 3606480614064

Main

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

Complementary

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|---------------------------------|-----------------------------------------------------------------------------------------------|
| 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 | 100...300 V DC 90...528 V AC 45...65 Hz |
| Network frequency | 60 Hz 50 Hz |
| [In] rated current | 1 A 5 A |
| type of network | 3P + N 3P 1P + N |
| Maximum power consumption in VA | 16 VA at 480 V |
| Ride-through time | 35 ms 120 V AC typical 129 ms 230 V AC typical 50 ms 125 V DC typical |
| Display type | Backlit LCD |
| Display resolution | 128 x 128 pixels |
| Sampling rate | 128 samples/cycle |
| Measurement current | 50...10000 mA |
| Analogue input type | Voltage (impedance 5 MOhm) Current (impedance <= 0.3 mOhm) |
| Measurement voltage | 20...400 V AC 45...65 Hz between phase and neutral 20...828 V AC 45...65 Hz between phases |

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| 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 +/- 0.005 Current +/- 0.15 % Reactive power +/- 1 % |
| Accuracy class | Class 0.2S active energy conforming to IEC 62053-22 |
| Number of outputs | 2 digital |
| Information displayed | Tariff (8) |
| Communication port protocol | Modbus RTU and ASCII at 9.6, 19.2 and 38.4 kbauds even/odd or none - 2 wires, insulation 2500 V JBUS Modbus TCP/IP at 10/100 Mbit/s, insulation 2500 V Ethernet Modbus TCP/IP daisy chain BACnet IP DNP3 over ethernet |
| 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 61557-12:2015 IEC 62053-22:2020 IEC 62053-24 IEC 60529 EN 50470-1 UL 61010-1 ANSI C12.20 IEC 62053-23:2020 IEC 62052-11:2020 IEC 62052-31:2015 |
| Product certifications | CE conforming to IEC 61010-1 CULus conforming to UL 61010-1 BTL |
| Width | 96 mm |

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|------------|-------|
| Depth | 72 mm |
| Height | 96 mm |
| Net weight | 450 g |

Environment

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|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electromagnetic compatibility | Limits for harmonic current emissions class A conforming to IEC 61000-3-2 Conducted RF disturbances level 3 conforming to IEC 61000-4-6 Magnetic field at power frequency level 4 conforming to IEC 61000-4-8 Conducted and radiated emissions class B conforming to EN 55022 Limitation of voltage changes, voltage fluctuations and flicker in low-voltage conforming to IEC 61000-3-3 Electrostatic discharge - test level: 8 kV level 4 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 level 4 conforming to IEC 61000-4-4 Surge immunity test level 4 conforming to IEC 61000-4-5 Voltage dips and interruptions immunity test conforming to IEC 61000-4-11 |
| IP degree of protection | IP54 display: conforming to IEC 60529 IP30 rear: conforming to IEC 60529 |
| Relative humidity | 5...95 % at 50 °C non-condensing |
| Pollution degree | 2 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...85 °C |
| Operating altitude | <= 3000 m |

Packing Units

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|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 11.000 cm |
| Package 1 Width | 12.600 cm |
| Package 1 Length | 12.600 cm |
| Package 1 Weight | 598.000 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 7.900 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 96 |
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 77.372 kg |

Contractual warranty

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|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[How this information helps you >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **No**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant**

REACH Regulation [REACH Declaration](#)

China RoHS Regulation [China RoHS declaration](#)

Use Again

Repack and remanufacture

[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

Take-back **No**