

Product datasheet

Specifications



PM3200 power meter

METSEPM3200

Main

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|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range | PowerLogic |
| Product name | PowerLogic PM3000 |
| Product or component type | Power meter |
| Device short name | PM3200 |
| Market segment | Buildings small building cost management: billing: sub feeder Buildings medium building cost management: billing: sub feeder Buildings large building cost management: billing: sub feeder Buildings multi-site cost management: billing: sub feeder Data center cost management: billing: sub feeder Healthcare cost management: billing: sub feeder Industry cost management: billing: sub feeder Buildings small building cost management: cost allocation: sub feeder Buildings medium building cost management: cost allocation: sub feeder Buildings large building cost management: cost allocation: sub feeder Buildings multi-site cost management: cost allocation: sub feeder Data center cost management: cost allocation: sub feeder Healthcare cost management: cost allocation: sub feeder Industry cost management: cost allocation: sub feeder |

Complementary

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|-------------------------|----------------------------------------------------------------------------------------------------------|
| 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 |
| [In] 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 |

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|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 conforming to IEC 62053-22 Class 1 active energy conforming to IEC 62053-21 Class 2 reactive energy conforming to IEC 62053-23 Class C active energy conforming to 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 | BS EN 61557-12 IEC 61557-12 EN 61557-12 BS EN 61326-1 IEC 61326-1 EN 61326-1 BS EN 62052-11 IEC 62052-11 EN 62052-11 BS EN 62053-21 IEC 62053-21 EN 62053-21 BS EN 62053-22 IEC 62053-22 EN 62052-22 BS EN 62053-23 IEC 62053-23 EN 62052-23 BS EN 61010-1 EN 61010-1 IEC 61010-1 UL 61010-1 BS EN 61010-2-30 IEC 61010-2-30 EN 61010-2-30 UL 61010-2-30 ANSI C12.20 |
| Product certifications | CE conforming to IEC 61010-1 (safety) CE conforming to EN 61557-12 (power monitor) CE conforming to EN/IEC 61326-1 (EMC) UKCA conforming to BS EN 61010-1 (safety) UKCA conforming to BS EN 61557-12 (power monitor) UKCA conforming to BS EN 61326-1 (EMC) CULus conforming to EN 61010-1 (safety) CULus conforming to UL 61010-1 (safety) EAC (sub-meter) RCM |
| Width | 90 mm |

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|----------------|---------------------------------|
| Depth | 70 mm |
| Height | 95 mm |
| Product weight | 0.26 kg |
| Market segment | Residential Small commercial |

Environment

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| Electromagnetic compatibility | Electrostatic discharge level 4 conforming to IEC 61000-4-2 Susceptibility to electromagnetic fields level 3 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 Conducted RF disturbances level 3 conforming to IEC 61000-4-6 Magnetic field at power frequency - test level: 0.5 mT conforming to IEC 61000-4-8 Conducted and radiated emissions class B conforming to EN 55022 |
| Overvoltage category | III |
| IP degree of protection | IP40 front panel: conforming to IEC 60529 IP20 body: conforming to IEC 60529 |
| Relative humidity | 5...95 % at 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 |
| Compatibility code | PM3200 |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.800 cm |
| Package 1 Width | 13.200 cm |
| Package 1 Length | 13.700 cm |
| Package 1 Weight | 401.000 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 16 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 6.829 kg |

Contractual warranty

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|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

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|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint | 97 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 11 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 1 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 85 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.8 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |

Use Better



Materials and Substances

| | |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| SCIP Number | 97b2464b-a770-4df3-ae2e-dece74cced54 |
| EU RoHS Directive | Compliant By Exemption |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |

Use Longer




Lifetime extension

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|--------|----|
| Repair | No |
|--------|----|

Use Again



Repack and remanufacture

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|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in % | 9 |
| End of life manual availability | End of Life Information |
| Take-back | No |
| WEEE Label |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |