



### 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<br>Sub billing<br>Power monitoring   |
| Type of measurement         | Active and reactive power<br>Apparent power<br>Current<br>Voltage<br>Energy<br>Power factor<br>Frequency  |
| Supply voltage              | 100...277 V AC 45...65 Hz<br>173...480 V AC 45...65 Hz<br>100...300 V DC  |
| Network Frequency           | 50 Hz<br>60 Hz  |
| Line Rated Current          | 5 A<br>1 A  |
| Type of network             | 3P + N<br>3P<br>1P + N  |
| Power Consumption in VA     | 5 VA  |
| Display Type                | Backlit LCD   |
| Display Resolution          | 128 x 96 pixels   |
| Sampling rate               | 32 samples/cycle  |
| Measurement current         | 0.05...6 A<br>0.02...1.2 A  |
| Analogue input type         | Current 0...5 A<br>Current 0...1 A  |
| Measurement voltage         | 50...330 V AC 45...65 Hz direct<br>50...330 V AC 45...65 Hz phase to neutral<br>80...570 V AC 45...65 Hz direct<br>80...570 V AC 45...65 Hz phase to phase<br>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<br>Current 0.5 % 0.1...1.2 A<br>Voltage 0.3 % 50...330 V<br>Voltage 0.3 % 80...570 V  |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                             |  |
|-----------------------------|--|
| Accuracy class              | Class 0.5S active energy IEC 62053-22<br>Class 1 active energy IEC 62053-21<br>Class 2 reactive energy IEC 62053-23<br>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                   | BS EN 61557-12<br>IEC 61557-12<br>EN 61557-12<br>BS EN 61326-1<br>IEC 61326-1<br>EN 61326-1<br>BS EN 62052-11<br>IEC 62052-11<br>EN 62052-11<br>BS EN 62053-21<br>IEC 62053-21<br>EN 62053-21<br>BS EN 62053-22<br>IEC 62053-22<br>EN 62052-22<br>BS EN 62053-23<br>IEC 62053-23<br>EN 62052-23<br>BS EN 61010-1<br>EN 61010-1<br>IEC 61010-1<br>UL 61010-1<br>BS EN 61010-2-30<br>IEC 61010-2-30<br>EN 61010-2-30<br>UL 61010-2-30<br>ANSI C12.20 |
| Product certifications      | CE IEC 61010-1 safety)<br>CE EN 61557-12 power monitor)<br>CE EN/IEC 61326-1 EMC)<br>UKCA BS EN 61010-1 safety)<br>UKCA BS EN 61557-12 power monitor)<br>UKCA BS EN 61326-1 EMC)<br>CULus EN 61010-1 safety)<br>CULus UL 61010-1 safety)<br>EAC sub-meter)<br>RCM  |
| 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 discharge level 4 conforming to IEC 61000-4-2<br>Susceptibility to electromagnetic fields level 3 conforming to IEC 61000-4-3<br>Electrical fast transient/burst immunity test level 4 conforming to IEC 61000-4-4<br>Surge immunity test level 4 conforming to IEC 61000-4-5<br>Conducted RF disturbances level 3 conforming to IEC 61000-4-6<br>Magnetic field at power frequency - test level: 0.5 mT conforming to IEC 61000-4-8<br>Conducted and radiated emissions class B conforming to EN 55022 |
| Overvoltage category                  | III   |
| IP degree of protection               | Front panel IP40 IEC 60529<br>Body IP20 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          | 09786-SE ENTRY POWER METER |
| Discount Schedule | PL1                        |
| GTIN              | 3606480481581              |
| Returnability     | No                         |
| Country of origin | CN                         |

## Packing Units

|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 1       | PCE                       |
| Number of Units in Package 1 | 1                         |
| Package 1 Height             | 3.46 in (8.8 cm)          |
| Package 1 Width              | 5.20 in (13.2 cm)         |
| Package 1 Length             | 5.39 in (13.7 cm)         |
| Package 1 Weight             | 13.54 oz (384 g)          |
| Unit Type of Package 2       | S03                       |
| Number of Units in Package 2 | 16                        |
| Package 2 Height             | 11.81 in (30 cm)          |
| Package 2 Width              | 11.81 in (30 cm)          |
| Package 2 Length             | 15.75 in (40 cm)          |
| Package 2 Weight             | 14.48 lb(US) (6.567 kg)   |
| Unit Type of Package 3       | P12                       |
| Number of Units in Package 3 | 128                       |
| Package 3 Height             | 5.91 in (15 cm)           |
| Package 3 Width              | 31.50 in (80 cm)          |
| Package 3 Length             | 47.24 in (120 cm)         |
| Package 3 Weight             | 127.15 lb(US) (57.672 kg) |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant with Exemptions   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |
| 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 |
|----------|-----------|