

# A new generation of meters, a new choice

## PM5000 and PM8000 series



Now you can specify new and enhanced Schneider Electric meters with higher performance and more value than previous generation products.

Capabilities once reserved for higher priced meters are now a standard feature. These new designs use the latest start-of-the-art components and are certified to meet the most stringent world-wide standards.

### Choosing the right meter

| Previous Generation | Model # | Latest Generation | Model #                       |
|---------------------|---------|-------------------|-------------------------------|
| PM700 series        | PM710   | PM5100 series     | PM5110                        |
|                     | PM750   | PM5300 series     | PM5330<br>PM5340              |
| PM800 series        | PM820   | PM5500 series*    | PM5560<br>PM5563RD (PM5563**) |
|                     | PM850   | PM8000 series     | PM8240                        |
|                     | PM870   |                   |                               |
| ION7300 series      | ION7330 |                   | PM8244 (PM8243**)             |
|                     | ION7350 |                   |                               |

\*Select PM8000 for PM820 applications that require analog I/O

\*\*DIN rail mount meter only, no display

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## PM5000 series

Choose from three levels of performance and from models with different features at each level. See the PM5000 technical data sheet for differences in I/O, alarm, tariff, and harmonic capabilities.



PM5000 meter with integrated display



PM5000 meter with remote display

| Key Feature           | PM5100 series    | PM5300 series    |                  | PM5500 series    |                  |
|-----------------------|------------------|------------------|------------------|------------------|------------------|
|                       | PM5110           | PM5330           | PM5340           | PM5560           | PM5563 (RD)      |
| <b>Accuracy</b>       |                  |                  |                  |                  |                  |
| 0.5 Class             | ●                | ●                | ●                | —                | —                |
| 0.2 Class             | —                | —                | —                | ●                | ●                |
| Harmonics             | 15 <sup>th</sup> | 31 <sup>st</sup> | 31 <sup>st</sup> | 63 <sup>rd</sup> | 63 <sup>rd</sup> |
| <b>Display</b>        |                  |                  |                  |                  |                  |
| Integrated            | ●                | ●                | ●                | ●                | —                |
| Remote                | —                | —                | —                | —                | (Option)         |
| <b>Communications</b> |                  |                  |                  |                  |                  |
| Serial                | 1                | 1                | —                | 1                | 1                |
| Ethernet              | —                | —                | 1                | 2                | 2                |
| <b>Web</b>            |                  |                  |                  |                  |                  |
| Web Server            | —                | —                | —                | ●                | ●                |
| Gateway               | —                | —                | —                | ●                | ●                |
| <b>I/O and alarms</b> |                  |                  |                  |                  |                  |
| Digital Inputs        | 0                | 2                | 2                | 4                | 4                |
| Digital Outputs       | 1                | 2                | 2                | 2                | 2                |
| Number of alarms      | 33               | 35               | 35               | 52               | 52               |

## PM8000 series

PM8000 meters combine Class 0.2 accurate 3-phase energy and power measurements with waveform capture, data logging, power quality analysis, alarming and I/O capabilities not typically available in such compact meters. All PM8000 series meters have the identical feature set. Choose integrated or remote color display and expand capabilities with up to 4 modular I/O modules to suit the application.



PM8000 meter with integrated display



PM8000 I/O module



PM8000 meter with remote display

| Description                                      | Catalog Number |
|--|----------------|
| <b>PM8000 series meters</b>                      |                |
| PM8000 panel mount meter with integrated display | METSEPM8240    |
| PM8000 DIN rail mount meter                      | METSEPM8243    |
| PM8000 DIN rail mount meter with remote display  | METSEPM8244    |
| <b>PM8000 accessories</b>                        |                |
| Remote display only                              | METSEPM89RD96  |
| I/O module, 2 relay outputs, 6 digital inputs    | METSEM89M2600  |
| I/O module, 2 relay outputs, 4 analog inputs     | METSEM89M0024  |

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