



### Main

|                           |                |
|---------------------------|----------------|
| Range                     | Acti 9         |
| Range of product          | Acti 9 iEM3000 |
| Device short name         | IEM3310        |
| Product or component type | Energy meter   |

### Complementary

|                             |                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poles description           | 1P + N<br>3P<br>3P + N                                                                                                                                    |
| Type of measurement         | Active energy                                                                                                                                             |
| Device application          | Sub billing<br>Partial meter                                                                                                                              |
| Accuracy class              | Active energy : class 1 according to IEC 62053-21<br>Active energy : class B according to EN 50470-3<br>Active energy : class 1 according to IEC 61557-12 |
| Input type                  | Direct input                                                                                                                                              |
| [In] rated current          | 125 A                                                                                                                                                     |
| Rated voltage               | 100...277 V<br>173...480 V                                                                                                                                |
| Network frequency           | 50 Hz<br>60 Hz                                                                                                                                            |
| Technology type             | Electronic                                                                                                                                                |
| Display type                | LCD display                                                                                                                                               |
| Sampling rate               | 32 samples/cycle                                                                                                                                          |
| Measurement current         | 0...125 A                                                                                                                                                 |
| Maximum value measured      | 99999999.9 kWh                                                                                                                                            |
| Communication port protocol | -                                                                                                                                                         |
| Communication port support  | -                                                                                                                                                         |
| Local signalling            | Power ON : indicator light (green)<br>Accuracy checking : flashing LED (yellow)                                                                           |
| Number of inputs            | 0                                                                                                                                                         |

|                         |                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of outputs       | 1 pulse                                                                                                                                                                                                                                                                     |
| Mounting mode           | Clip-on                                                                                                                                                                                                                                                                     |
| Mounting support        | DIN rail                                                                                                                                                                                                                                                                    |
| Connections - terminals | Screw terminals 50 mm <sup>2</sup>                                                                                                                                                                                                                                          |
| Overvoltage category    | III                                                                                                                                                                                                                                                                         |
| Standards               | IEC 61036<br>IEC 61557-12<br>IEC 62053-21<br>IEC 62053-23<br>IEC 61010<br>UL 61010-1                                                                                                                                                                                        |
| Product certifications  | UL<br>EAC (sub-meter)<br>CE - IEC 61010 (safety)<br>CE - IEC 61326-1 (EMC)<br>CULus - ANSI C12.20 (sub-meter)<br>MID - EN 62052 (sub-meter)<br>RCM - NMI M 6-1 (sub-meter)<br>MID - EN 50470-3 (sub-meter)<br>CE - EN 61557-12 (power monitor)<br>CULus - UL 61010 (safety) |

## Environment

|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| IP degree of protection               | IP20 (body) conforming to IEC 60529<br>IP40 (front panel) conforming to IEC 60529 |
| Pollution degree                      | 2                                                                                 |
| Relative humidity                     | 5...95 % at 50 °C                                                                 |
| Ambient air temperature for operation | -25...60 °C (NMI)<br>-25...60 °C (IEC)<br>-25...55 °C (MID)                       |
| Ambient air temperature for storage   | -40...85 °C                                                                       |
| Operating altitude                    | < 2000 m                                                                          |
| Colour                                | White                                                                             |
| 9 mm pitches                          | 14                                                                                |
| Width                                 | 126 mm                                                                            |
| Height                                | 103.2 mm                                                                          |
| Depth                                 | 69.3 mm                                                                           |

## Offer Sustainability

|                                  |                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                                                                                                     |
| RoHS (date code: YYWW)           | Compliant - since 1415 - Schneider Electric declaration of conformity<br><a href="#"> Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                                                                                                    |
| Product environmental profile    | Available<br><a href="#"> End of Life Information</a>                                                                                  |
| Product end of life instructions | Available                                                                                                                                                                                                                 |