



### Main

|                           |                |
|---------------------------|----------------|
| Range                     | Acti 9         |
| Product name              | Acti 9 iEM3000 |
| Device short name         | IEM3200        |
| 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 0.5S according to IEC 62053-22<br>Active energy : class 0.5S according to IEC 61557-12<br>Active energy : class C according to EN 50470-3 |
| Analogue input type         | External CT 1 A or 5 A  |
| [In] rated current          | 1 A<br>5 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         | 1 mA...32767 A  |
| Maximum value measured      | 99999999 MWh  |
| 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           | 0   |
| Mounting mode               | Clip-on   |
| Mounting support            | DIN rail  |
| Connections - terminals     | Current circuit : screw terminals 6 mm <sup>2</sup><br>Voltage circuit : screw terminals 2.5 mm <sup>2</sup>  |
| Overvoltage category        | III   |
| Standards                   | IEC 61036<br>IEC 61557-12<br>IEC 62053-22<br>IEC 62053-23<br>IEC 61010<br>UL 61010-1  |
| Product certifications      | UL<br>EAC (sub-meter)<br>CE - IEC 61010 (safety)  |

CE - IEC 61326-1 (EMC)  
CULus - ANSI C12.20 (sub-meter)  
RCM - NMI M 6-1 (sub-meter)  
CE - EN 61557-12 (power monitor)  
CULus - UL 61010 (safety)

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## Environment

|                                       |   |
|---------------------------------------|---|
| IP degree of protection               | IP40 (front panel) conforming to IEC 60529<br>IP20 (body) conforming to IEC 60529 |
| pollution degree                      | 2   |
| relative humidity                     | 5...95 % at 50 °C   |
| ambient air temperature for operation | -25...55 °C (MID)<br>-25...55 °C (IEC)<br>-25...55 °C (NMI)                       |
| ambient air temperature for storage   | -40...85 °C   |
| operating altitude                    | < 2000 m  |
| colour                                | White   |
| 9 mm pitches                          | 10  |
| width                                 | 90 mm   |
| height                                | 95 mm   |
| depth                                 | 69 mm   |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1214 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |