

# Product datasheet

Specifications



## iEM3115 energy meter - 63 A - 2 digital I - multi-tariff - MID

A9MEM3115

! Discontinued

### Main

|                           |               |
|---------------------------|---------------|
| Range                     | Acti9         |
| Range Of Product          | Acti9 iEM3000 |
| Device Short Name         | iEM3115       |
| Product Or Component Type | Energy meter  |

### Complementary

|                             |                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poles Description           | 1P + N<br>3P + N<br>3P                                                                                                                                 |
| Type Of Measurement         | Active energy                                                                                                                                          |
| Device Application          | Sub billing<br>Multi-tariff                                                                                                                            |
| Accuracy Class              | Class 1 active energy conforming to IEC 62053-21<br>Class 1 active energy conforming to IEC 61557-12<br>Class B active energy conforming to EN 50470-3 |
| Input Type                  | Direct input                                                                                                                                           |
| [In] Rated Current          | 63 A                                                                                                                                                   |
| Rated Voltage               | 100...277 V<br>173...480 V                                                                                                                             |
| Network Frequency           | 60 Hz<br>50 Hz                                                                                                                                         |
| Technology Type             | Electronic                                                                                                                                             |
| Display Type                | LCD display                                                                                                                                            |
| Sampling Rate               | 32 samples/cycle                                                                                                                                       |
| Measurement Current         | 0...63 A                                                                                                                                               |
| Maximum Value Measured      | 99999999.9 kWh                                                                                                                                         |
| Tariff Input                | Tariff (4)                                                                                                                                             |
| Communication Port Protocol | -                                                                                                                                                      |
| Communication Port Support  | -                                                                                                                                                      |
| Local Signalling            | Green indicator light: power ON<br>Yellow flashing LED: accuracy checking                                                                              |
| Number Of Inputs            | 2 digital 0...5 V/11...40 V 24 V DC                                                                                                                    |
| Number Of Outputs           | 0                                                                                                                                                      |
| Mounting Mode               | Clip-on                                                                                                                                                |

Disclaimer: 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

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting Support        | DIN rail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Connections - Terminals | Screw terminals 16 mm² cable(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Overvoltage Category    | III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Standards               | BS EN 61557-12:2021<br>IEC 61557-12:2021<br>EN 61557-12:2021<br>BS EN 61326-1<br>IEC 61326-1<br>EN 61326-1<br>BS EN 62052-11:2020<br>IEC 62052-11:2020<br>EN 62052-11:2020<br>BS EN 62053-21<br>IEC 62053-21<br>EN 62053-21<br>BS EN 62052-23<br>IEC 62053-23:2020<br>EN 62052-23<br>BS EN 62052-31:2015<br>IEC 62052-31:2015<br>EN 62052-31:2015<br>BS EN 61010-1:2010<br>EN 61010-1:2010<br>IEC 61010-1:2010<br>UL 61010-1:2010<br>BS EN 61010-2-30<br>IEC 61010-2-30<br>EN 61010-2-30<br>UL 61010-2-30<br>BS EN 50470-3<br>EN 50470-3<br>BS EN 50470-1<br>EN 50470-1<br>ANSI C12.16                                                                                 |
| Product Certifications  | CE conforming to IEC 61010-1 (safety)<br>CE conforming to EN 61557-12 (power monitor)<br>CE conforming to EN/IEC 61326-1 (EMC)<br>UKCA conforming to BS EN 61010-1 (safety)<br>UKCA conforming to BS EN 61557-12 (power monitor)<br>UKCA conforming to BS EN 61326-1 (EMC)<br>CULus conforming to UL 61010-1 (safety)<br>CULus conforming to EN 61010-1 (safety)<br>EAC conforming to EN 50470-3 (sub-meter)<br>RCM conforming to EN 62052 (sub-meter)<br>KZ conforming to EN 50470-3 (sub-meter)<br>METAS conforming to EN 50470-1 (sub-meter)<br>MID conforming to EN 50470-3 (sub-meter)<br>MID conforming to EN 50470-1 (sub-meter)<br>NMI conforming to NMI M 6-1 |

## 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...70 °C - IEC                                          |
| 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 |
|-------|-------|

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 1       | PCE       |
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 8.5 cm    |
| Package 1 Width              | 9.6 cm    |
| Package 1 Length             | 10.4 cm   |
| Package 1 Weight             | 454 g     |
| Unit Type Of Package 2       | S03       |
| Number Of Units In Package 2 | 30        |
| Package 2 Height             | 30 cm     |
| Package 2 Width              | 30 cm     |
| Package 2 Length             | 40 cm     |
| Package 2 Weight             | 14.061 kg |
| Unit Type Of Package 3       | P12       |
| Number Of Units In Package 3 | 240       |
| Package 3 Height             | 15 cm     |
| Package 3 Width              | 80 cm     |
| Package 3 Length             | 120 cm    |
| Package 3 Weight             | 120.96 kg |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓

Mercury Free

✓

Rohs Exemption Information

Yes

## Certifications & Standards

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant with Exemptions                                                                                                   |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a>                                                                                      |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                     |