# Product data sheet

## Characteristics

### A9MEM3115

**iEM3115 energy meter - 63 A - 2 digital I - multi-tariff**

### Main

<table>
<thead>
<tr>
<th>Range</th>
<th>Acti 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of product</td>
<td>Acti 9 iEM3000</td>
</tr>
<tr>
<td>Device short name</td>
<td>IEM3115</td>
</tr>
<tr>
<td>Product or component type</td>
<td>Energy meter</td>
</tr>
</tbody>
</table>

### Complementary

<table>
<thead>
<tr>
<th>Poles description</th>
<th>1P + N</th>
</tr>
</thead>
<tbody>
<tr>
<td>3P + N</td>
<td></td>
</tr>
<tr>
<td>3P</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of measurement</th>
<th>Active energy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device application</td>
<td>Sub billing</td>
</tr>
<tr>
<td>Multi-tariff</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accuracy class</th>
<th>Class 1 active energy conforming to IEC 62053-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 1 active energy conforming to IEC 61557-12</td>
<td></td>
</tr>
<tr>
<td>Class B active energy conforming to EN 50470-3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Input type</th>
<th>Direct input</th>
</tr>
</thead>
<tbody>
<tr>
<td>[In] rated current</td>
<td>63 A</td>
</tr>
<tr>
<td>Rated voltage</td>
<td>100…277 V</td>
</tr>
<tr>
<td>173…480 V</td>
<td></td>
</tr>
<tr>
<td>Network frequency</td>
<td>60 Hz</td>
</tr>
<tr>
<td>50 Hz</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technology type</th>
<th>Electronic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display type</td>
<td>LCD display</td>
</tr>
<tr>
<td>Sampling rate</td>
<td>32 samples/cycle</td>
</tr>
<tr>
<td>Measurement current</td>
<td>0…63 A</td>
</tr>
<tr>
<td>Maximum value measured</td>
<td>999999999.9 kWh</td>
</tr>
<tr>
<td>Tariff input</td>
<td>Tariff (4)</td>
</tr>
<tr>
<td>Communication port protocol</td>
<td>-</td>
</tr>
<tr>
<td>Communication port support</td>
<td>-</td>
</tr>
</tbody>
</table>

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

Nov 10, 2019
## Local signalling
- Green indicator light: power ON
- 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

## Mounting support
- DIN rail

## Connections - terminals
- Screw terminals 16 mm² cable(s)

## Overvoltage category
- III

## Standards
- IEC 62053-23
- IEC 61010
- IEC 61557-12
- IEC 62053-21
- IEC 61036
- UL 61010-1

## Product certifications
- CE conforming to IEC 61010 (safety)
- CE conforming to EN 61557-12 (power monitor)
- CE conforming to IEC 61326-1 (EMC)
- CULus conforming to UL 61010 (safety)
- CULus conforming to ANSI C12.20 (sub-meter)
- EAC (sub-meter)
- RCM conforming to NMI M 6-1 (sub-meter)
- UL
- MID conforming to EN 50470-3 (sub-meter)
- MID conforming to EN 62052 (sub-meter)

## Environment
### IP degree of protection
- IP40 front panel: conforming to IEC 60529
- 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
- -25…60 °C - NMI
- -25…60 °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

## Offer Sustainability
### Sustainable offer status
- Green Premium product

### REACh Regulation
- REACh Declaration

### EU RoHS Directive
- Compliant
- EU RoHS Declaration

### Mercury free
- Yes

### RoHS exemption information
- Yes

### China RoHS Regulation
- China RoHS declaration

### Environmental Disclosure
- Product Environmental Profile

### Circularity Profile
- End of Life Information

### 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