## 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></td>
<td>3P + N</td>
</tr>
<tr>
<td></td>
<td>3P</td>
</tr>
<tr>
<td>Type of measurement</td>
<td>Active energy</td>
</tr>
<tr>
<td>Device application</td>
<td>Sub billing</td>
</tr>
<tr>
<td></td>
<td>Multi-tariff</td>
</tr>
<tr>
<td>Accuracy class</td>
<td>Class 1 active energy conforming to IEC 62053-21</td>
</tr>
<tr>
<td></td>
<td>Class 1 active energy conforming to IEC 61557-12</td>
</tr>
<tr>
<td></td>
<td>Class B active energy conforming to EN 50470-3</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></td>
<td>173…480 V</td>
</tr>
<tr>
<td>Network frequency</td>
<td>60 Hz</td>
</tr>
<tr>
<td></td>
<td>50 Hz</td>
</tr>
<tr>
<td>Technology type</td>
<td>Electronic</td>
</tr>
<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.
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

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