

# Product data sheet

Specifications



## iEM3310 energy meter - 125 A - 1 pulse O - MID

A9MEM3310

### Main

Range	Acti 9
Range of product	Acti 9 iEM3000
Device short name	iEM3310
Product or component type	Energy meter

### Complementary

Poles description	3P 1P + N 3P + N
Type of measurement	Active energy
Device application	Sub billing Partial meter
Accuracy class	Class 1 active energy conforming to IEC 62053-21 Class 1 active energy conforming to IEC 61557-12 Class B active energy conforming to EN 50470-3
Input type	Direct input
[In] rated current	125 A
Rated voltage	100...277 V 173...480 V
Network frequency	60 Hz 50 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	Green indicator light: power ON Yellow flashing LED: accuracy checking
Number of inputs	0
Number of outputs	1 pulse
Mounting mode	Clip-on
Mounting support	DIN rail

<b>Connections - terminals</b>	Screw terminals 50 mm <sup>2</sup> cable(s)
<b>Overtoltage category</b>	III
<b>Standards</b>	IEC 62053-23 IEC 61010 UL 61010-1 IEC 61557-12 IEC 61036 IEC 62053-21
<b>Product certifications</b>	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

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	580.0 g
<b>Package 1 Height</b>	8.5 cm
<b>Package 1 width</b>	11 cm
<b>Package 1 Length</b>	13 cm
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	16
<b>Package 2 Weight</b>	11100.0 g
<b>Package 2 Height</b>	30 cm
<b>Package 2 width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	384
<b>Package 3 Weight</b>	275400.0 g
<b>Package 3 Height</b>	80 cm

<b>Package 3 width</b>	120 cm
<b>Package 3 Length</b>	110 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>California proposition 65</b>	WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>