

# Product datasheet

Specifications



## iEM3300 energy meter - 125 A

TSI code: 398979047 A9MEM3300

### Main

Range	Acti 9
Range of product	Acti 9 iEM3000
Device short name	iEM3300
Product or component type	Energy meter

### Complementary

Poles description	1P + N 3P + N 3P
Type of measurement	Active energy
Device application	Partial meter Sub billing
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	50 Hz 60 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	0
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 61036 IEC 61010 IEC 62053-21 IEC 61557-12 UL 61010-1 IEC 62053-23
<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

## 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...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>	687 g
<b>Package 1 Height</b>	8.5 cm
<b>Package 1 width</b>	11.2 cm
<b>Package 1 Length</b>	13.1 cm
<b>Unit Type of Package 2</b>	P12
<b>Number of Units in Package 2</b>	144
<b>Package 2 Weight</b>	111.944 kg
<b>Package 2 Height</b>	15 cm
<b>Package 2 width</b>	80 cm
<b>Package 2 Length</b>	120 cm
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	18
<b>Package 3 Weight</b>	12.619 kg
<b>Package 3 Height</b>	30 cm
<b>Package 3 width</b>	30 cm

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Package 3 Length	40 cm
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## Offer Sustainability

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Sustainable offer status	Green Premium product
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REACH Regulation	<a href="#">REACH Declaration</a>
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EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
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Mercury free	Yes
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RoHS exemption information	<a href="#">Yes</a>
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China RoHS Regulation	<a href="#">China RoHS declaration</a>
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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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## Contractual warranty

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Warranty	18 months
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