

# Product datasheet

Specifications



## iEM3300 energy meter - 125 A

A9MEM3300

### Main

Range	Acti9
Range Of Product	Acti9 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
Connections - Terminals	Screw terminals 50 mm <sup>2</sup> cable(s)

<b>Overvoltage Category</b>	III
<b>Standards</b>	BS EN 61557-12:2021 IEC 61557-12:2021 EN 61557-12:2021 BS EN 61326-1 IEC 61326-1 EN 61326-1 BS EN 62052-11:2020 IEC 62052-11:2020 EN 62052-11:2020 BS EN 62053-21 IEC 62053-21 EN 62053-21 BS EN 62052-31:2015 IEC 62052-31:2015 EN 62052-31:2015 BS EN 61010-1:2010 EN 61010-1:2010 IEC 61010-1:2010 UL 61010-1:2010 BS EN 61010-2-30 IEC 61010-2-30 EN 61010-2-30 UL 61010-2-30 ANSI C12.16

<b>Product Certifications</b>	CE conforming to IEC 61010-1 (safety) CE conforming to EN 61557-12 (power monitor) CE conforming to EN/IEC 61326-1 (EMC) UKCA conforming to BS EN 61010-1 (safety) UKCA conforming to BS EN 61557-12 (power monitor) UKCA conforming to BS EN 61326-1 (EMC) CULus conforming to UL 61010-1 (safety) CULus conforming to EN 61010-1 (safety) EAC (sub-meter) KZ conforming to NMI M 6-1 KZ NMI conforming to NMI M 6-1
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## 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...70 °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 Height</b>	8.5 cm
<b>Package 1 Width</b>	11.2 cm
<b>Package 1 Length</b>	13.1 cm

<b>Package 1 Weight</b>	687 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	18
<b>Package 2 Height</b>	30 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	12.619 kg
<b>Unit Type Of Package 3</b>	P12
<b>Number Of Units In Package 3</b>	144
<b>Package 3 Height</b>	15 cm
<b>Package 3 Width</b>	80 cm
<b>Package 3 Length</b>	120 cm
<b>Package 3 Weight</b>	111.944 kg

## 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 [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)