Product datasheet

Specifications

iEM3300 energy meter - 125 A

Local distributor code:

398979047   A9MEM3300

⚠ **Discontinued on:** 31 Jul 2025

EAN Code: 3606480696381

⚠ **To be discontinued**

Main

Range	Acti9
range of product	Acti9 iEM3000
Product or component type	Energy meter
Device short name	iEM3300
Market segment	Buildings small building cost management: billing: main incomer
	Buildings small building cost management: billing: sub feeder
	Buildings small building cost management: billing: panelboard
	Buildings medium building cost management: billing: main incomer
	Buildings medium building cost management: billing: sub feeder
	Buildings medium building cost management: billing: panelboard
	Buildings large building cost management: billing: main incomer
	Buildings large building cost management: billing: sub feeder
	Buildings large building cost management: billing: panelboard
	Buildings multi-site cost management: billing: main incomer
	Buildings multi-site cost management: billing: sub feeder
	Buildings multi-site cost management: billing: panelboard
	Data center cost management: billing
	Healthcare cost management: billing
	Industry cost management: billing
	Buildings small building cost management: cost allocation: main incomer
	Buildings small building cost management: cost allocation: sub feeder
	Buildings small building cost management: cost allocation: panelboard
	Buildings medium building cost management: cost allocation: main incomer
	Buildings medium building cost management: cost allocation: sub feeder
	Buildings medium building cost management: cost allocation: panelboard
	Buildings large building cost management: cost allocation: main incomer
	Buildings large building cost management: cost allocation: sub feeder
	Buildings large building cost management: cost allocation: panelboard
	Buildings multi-site cost management: cost allocation: main incomer
	Buildings multi-site cost management: cost allocation: sub feeder
	Buildings multi-site cost management: cost allocation: panelboard
	Data center cost management: cost allocation
	Healthcare cost management: cost allocation
	Industry cost management: cost allocation

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
input type	Direct connection
[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 mm² cable(s)
Overvoltage category	III
Standards	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
Product certifications	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
Compatibility code	IEM3300

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…70 °C - IEC
Ambient air temperature for storage	-40…85 °C
Operating altitude	< 3000 m
Colour	White
9 mm pitches	14
Width	126 mm
Height	103.2 mm
Depth	69.3 mm

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.500 cm
Package 1 Width	11.200 cm
Package 1 Length	13.100 cm
Package 1 Weight	664.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	12.352 kg

Logistical informations

Country of origin	CN

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained ›

How we assess product sustainability ›

Environmental footprint

Total lifecycle Carbon footprint	**62**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**1370256b-4f45-45cb-ba74-d245fc174cf9**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Technical Illustration

User interface / product ON