

Product data sheet

Characteristics

A9MEM3300

iEM3300 energy meter - 125 A



Main

Range	Acti 9
Range of product	Acti 9 iEM3300
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 ² cable(s)
Overvoltage category	III

Standards	IEC 61036 IEC 61010 IEC 62053-21 IEC 61557-12 UL 61010-1 IEC 62053-23
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

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...60 °C - IEC
Ambient air temperature for storage	-40...85 °C
Operating altitude	< 2000 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 Weight	687 g
Package 1 Height	8.5 cm
Package 1 width	11.2 cm
Package 1 Length	13.1 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
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