

Product datasheet

Specifications



modular single phase power meter iEM2100 - 230V - 63A

Local distributor code:
402718055 A9MEM2100

⚠ Discontinued on: 29 Jun 2023

EAN Code: 3606480835223

⚠ Discontinued

Main

Range	Acti9
family	Acti9 iEM2100
Device short name	iEM2100
Product or component type	Energy meter

Complementary

poles description	1P + N
Type of measurement	Active energy
Device application	Sub billing
Accuracy class	Class 1 active energy conforming to IEC 62053-21
Input type	Direct input
Maximum current [Imax]	63 A
[Ib] basic current	10 A
Rated current	63 A
Rated voltage	230 V +/- 20 %
Network frequency	60 Hz 50 Hz
Frequency measurement range	45...65 Hz
Technology type	Electronic
Display type	LCD display
Sampling rate	32 samples/cycle
Measurement current	0.5...63 A
Display digits	5
Maximum value measured	999.99 MWh
Tariff counter	Tariff (1)
Communication port protocol	-
Communication port support	-
Local signalling	Green indicator light: power ON Yellow indicator light: metering and activity 1000 p/kWh
Digital inputs	0
Maximum power consumption in VA	2.5 VA at 240 V AC

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

mounting mode	Clip-on
Mounting support	DIN rail
Connections - terminals	Power circuit: tunnel type terminals (bottom) 1 16 mm² cable(s)
Tightening torque	Power circuit: 1.5 N.m
Standards	IEC 61557-12 IEC 62053-21
Product certifications	CE

Environment

IP degree of protection	IP40 front panel: conforming to IEC 60529 IP20 casing:
IK degree of protection	IK05
Ambient air temperature for operation	-25...55 °C -20...55 °C
ambient air temperature for storage	-25...70 °C
Operating altitude	< 3000 m
Relative humidity	0...95 % at 55 °C
Colour	White
9 mm pitches	4
Width	36 mm
Height	81 mm
Depth	65 mm
Net weight	0.135 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.8 cm
Package 1 Width	9.5 cm
Package 1 Length	4.5 cm
Package 1 Weight	172 g
Unit Type of Package 2	S03
Number of Units in Package 2	60
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	11.399 kg
Unit Type of Package 3	P06
Number of Units in Package 3	480
Package 3 Height	105 cm
Package 3 Width	60 cm
Package 3 Length	80 cm

Package 3 Weight	82.6 kg
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Contractual warranty

Warranty	18 months
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Well-being performance

✓ Mercury Free	
✓ Rohs Exemption Information	Yes
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration