

Product data sheet

Specifications



iEM3250 energy meter - CT - Modbus

A9MEM3250

Product availability: Stock - Normally stocked in distribution facility

Price*: 633.31 USD

Main

Range	Acti9
Range Of Product	Acti9 iEM3000
Device Short Name	iEM3250
Product Or Component Type	Energy meter

Complementary

Poles Description	3P 3P + N 1P + N
Type Of Measurement	Active energy Current Voltage Active power
Device Application	Sub billing Partial meter
Accuracy Class	Class 0.5S active energy IEC 62053-22 Class 0.5S active energy IEC 61557-12 Class C active energy EN 50470-3
Input Type	External CT 1 A or 5 A
Line Rated Current	5 A 1 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	1...32767000 mA
Maximum Value Measured	99999999 MWh
Communication Port Protocol	Modbus RTU 9.6, 19.2 and 38.4 kbauds even/odd or none 4000 V
Communication Port Support	Screw terminal block RS485
Local Signalling	Green indicator light power ON Yellow flashing LED accuracy checking Yellow indicator light communications are active on the Modbus port (Modbus)
Number Of Inputs	0
Number Of Outputs	0

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Mounting Mode	Clip-on
Mounting Support	DIN rail
Connections - Terminals	Current circuit screw terminals 0.01 in ² (6 mm ²) Voltage circuit screw terminals 0.00 in ² (2.5 mm ²)
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 62053-22:2020 IEC 62053-22:2020 EN 62052-22 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 C12.20
Product Certifications	CE IEC 61010-1 safety) CE EN 61557-12 power monitor) CE EN/IEC 61326-1 EMC) UKCA BS EN 61010-1 safety) UKCA BS EN 61557-12 power monitor) UKCA BS EN 61326-1 EMC) CULus UL 61010-1 safety) CULus EN 61010-1 safety) EAC sub-meter) KZ NMI M 6-1 KZ NMI NMI M 6-1

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 % 122 °F (50 °C)
Ambient Air Temperature For Operation	-13...158 °F (-25...70 °C) - IEC
Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C)
Operating Altitude	< 6561.68 ft (2000 m)
Color	White
9 Mm Pitches	10
Width	3.54 in (90 mm)
Height	3.74 in (95 mm)
Depth	2.72 in (69 mm)

Ordering and shipping details

Category	US10PL109786
Discount Schedule	0PL1
Gtin	3606480481567
Returnability	Yes
Country Of Origin	CN

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.00 in (10.16 cm)
Package 1 Width	4.30 in (10.92 cm)
Package 1 Length	3.50 in (8.89 cm)
Package 1 Weight	0.77 lb(US) (0.35 kg)
Unit Type Of Package 2	S03
Number Of Units In Package 2	30
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	23.73 lb(US) (10.766 kg)
Unit Type Of Package 3	P12
Number Of Units In Package 3	720
Package 3 Height	31.50 in (80 cm)
Package 3 Width	47.24 in (120 cm)
Package 3 Length	43.31 in (110 cm)
Package 3 Weight	589.48 lb(US) (267.384 kg)

Contractual warranty

Warranty	18 months
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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-CO₂ 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](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Circularity Profile [End of Life Information](#)

California Proposition 65 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov