

# Product data sheet

Specifications



## iEM3135 energy meter - 63 A - M-bus - 1 digital I - 1 digital O - multi-tariff - MID

A9MEM3135

**Product availability: Non-Stock - Not normally stocked in distribution facility**

**Price\*: 769.24 USD**

### Main

Range	Acti9
Range Of Product	Acti9 iEM3000
Device Short Name	iEM3135
Product Or Component Type	Energy meter

### Complementary

Poles Description	1P + N 3P 3P + N
Type Of Measurement	Active and reactive energy Active and reactive power Current Voltage
Metering Type	Active, reactive, apparent energy (signed, four quadrant)
Device Application	Sub billing Multi-tariff Partial meter
Accuracy Class	Class 1 active energy IEC 62053-21 Class 1 active energy IEC 61557-12 Class B active energy EN 50470-3
Input Type	Direct input
Line Rated Current	63 A
Rated Voltage	100...277 V 173...480 V
Network Frequency	60 Hz 50 Hz
Technology Type	Electronic
Display Type	LCD display
Sampling Rate	32 samples/cycle
Measurement Current	0...63 A
Maximum Value Measured	99999999.9 kWh
Tariff Input	Tariff 4)
Communication Port Protocol	M-bus 300, 600, 1200, 2400, 4800 and 9600 bauds 3750 V
Communication Port Support	Screw terminal block M-Bus
Typical Current Consumption	Communication M-bus: 2.3 mA at state 1

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

<b>Local Signalling</b>	Green indicator light power ON Yellow flashing LED accuracy checking alarm overload
<b>Number Of Inputs</b>	1 digital 0...5 V/11...40 V 24 V DC
<b>Number Of Outputs</b>	1 digital (static)
<b>Output Voltage</b>	5...40 V DC@50 mA
<b>Mounting Mode</b>	Clip-on
<b>Mounting Support</b>	DIN rail
<b>Connections - Terminals</b>	screw terminals 0.02 in <sup>2</sup> (16 mm <sup>2</sup> )
<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 62052-23 IEC 62053-23:2020 EN 62052-23 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 BS EN 50470-3 EN 50470-3 BS EN 50470-1 EN 50470-1 ANSI C12.16
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<b>Product Certifications</b>	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 EN 50470-3 sub-meter) RCM EN 62052 sub-meter) KZ EN 50470-3 sub-meter) METAS EN 50470-1 sub-meter) MID EN 50470-3 sub-meter) MID EN 50470-1 sub-meter)
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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 % 122 °F (50 °C)
<b>Ambient Air Temperature For Operation</b>	-13...131 °F (-25...55 °C) - MID -13...158 °F (-25...70 °C) - IEC
<b>Ambient Air Temperature For Storage</b>	-40...185 °F (-40...85 °C)

<b>Operating Altitude</b>	< 6561.68 ft (2000 m)
<b>Color</b>	White
<b>9 Mm Pitches</b>	10
<b>Width</b>	3.54 in (90 mm)
<b>Height</b>	3.74 in (95 mm)
<b>Depth</b>	2.72 in (69 mm)

## Ordering and shipping details

<b>Category</b>	US10PL109786
<b>Discount Schedule</b>	0PL1
<b>Gtin</b>	3606480616471
<b>Returnability</b>	No
<b>Country Of Origin</b>	CN

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	3.35 in (8.5 cm)
<b>Package 1 Width</b>	3.74 in (9.5 cm)
<b>Package 1 Length</b>	4.13 in (10.5 cm)
<b>Package 1 Weight</b>	16.19 oz (459 g)
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	30
<b>Package 2 Height</b>	11.81 in (30 cm)
<b>Package 2 Width</b>	11.81 in (30 cm)
<b>Package 2 Length</b>	15.75 in (40 cm)
<b>Package 2 Weight</b>	31.26 lb(US) (14.18 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](#)

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](http://www.P65Warnings.ca.gov)