

# Product datasheet

Specifications



## iEM3265 energy meter - CT - BACnet - 1 digital I - 1 digital O - multi-tariff - MID

A9MEM3265

### Main

Range	Acti9
Range Of Product	Acti9 iEM3000
Device Short Name	iEM3265
Product Or Component Type	Energy meter

### Complementary

Poles Description	3P 1P + N 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 Partial meter Multi-tariff
Accuracy Class	Class 0.5S active energy conforming to IEC 62053-22 Class 0.5S active energy conforming to IEC 61557-12 Class C active energy conforming to EN 50470-3
Input Type	External CT 1 A or 5 A
[In] Rated Current	5 A 1 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	1...32767000 mA
Maximum Value Measured	99999999 MWh
Tariff Input	Tariff (4)
Communication Port Protocol	BACnet at 9.6, 19.2, 38.4, 57.6, 76.8 kbauds, insulation 4000 V
Communication Port Support	Screw terminal block: RS485
Local Signalling	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>	Current circuit: screw terminals 6 mm <sup>2</sup> cable(s) Voltage circuit: screw terminals 2.5 mm <sup>2</sup> cable(s)
<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 62052-22 IEC 62053-22:2020 EN 62052-22 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 C12.20
------------------	--

<b>Product Certifications</b>	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 conforming to EN 50470-3 (sub-meter) RCM conforming to EN 62052 (sub-meter) KZ conforming to EN 50470-3 (sub-meter) METAS conforming to EN 50470-1 (sub-meter) MID conforming to EN 50470-3 (sub-meter) MID conforming to EN 50470-1 (sub-meter) NMI conforming to NMI M 6-1
-------------------------------	--

## 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 % at 50 °C
<b>Ambient Air Temperature For Operation</b>	-25...70 °C - IEC
<b>Ambient Air Temperature For Storage</b>	-40...85 °C

<b>Operating Altitude</b>	< 2000 m
<b>Colour</b>	White
<b>9 Mm Pitches</b>	10
<b>Width</b>	90 mm
<b>Height</b>	95 mm
<b>Depth</b>	69 mm

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	8 cm
<b>Package 1 Width</b>	9.5 cm
<b>Package 1 Length</b>	10.5 cm
<b>Package 1 Weight</b>	359 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	30
<b>Package 2 Height</b>	30 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	11366 g
<b>Unit Type Of Package 3</b>	P12
<b>Number Of Units In Package 3</b>	720
<b>Package 3 Height</b>	80 cm
<b>Package 3 Width</b>	120 cm
<b>Package 3 Length</b>	110 cm
<b>Package 3 Weight</b>	281784 g

## 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](#)