



### Main

Range	Acti 9
Product name	Acti 9 iEM3000
Device short name	IEM3250
Product or component type	Energy meter

### Complementary

Poles description	1P + N 3P 3P + N
Type of measurement	Voltage Current Active power Active energy
Device application	Sub billing Partial meter
Accuracy class	Active energy : class 0.5S according to IEC 62053-22 Active energy : class 0.5S according to IEC 61557-12 Active energy : class C according to EN 50470-3
Analogue input type	External CT 1 A or 5 A
[In] rated current	1 A 5 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
Communication port support	Screw terminal block : RS485
Local signalling	Power ON : indicator light (green) Accuracy checking : flashing LED (yellow) Communications are active on the Modbus port (Modbus) : indicator light (yellow)
Number of inputs	0
Number of outputs	0
Mounting mode	Clip-on
Mounting support	DIN rail
Connections - terminals	Current circuit : screw terminals 6 mm <sup>2</sup> Voltage circuit : screw terminals 2.5 mm <sup>2</sup>
Overvoltage category	III
Standards	IEC 61036 IEC 61557-12 IEC 62053-22 IEC 62053-23 IEC 61010 UL 61010-1

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Product certifications	<ul style="list-style-type: none"> <li>UL</li> <li>EAC (sub-meter)</li> <li>CE - IEC 61010 (safety)</li> <li>CE - IEC 61326-1 (EMC)</li> <li>CULus - ANSI C12.20 (sub-meter)</li> <li>RCM - NMI M 6-1 (sub-meter)</li> <li>CE - EN 61557-12 (power monitor)</li> <li>CULus - UL 61010 (safety)</li> </ul>
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## Environment

IP degree of protection	<ul style="list-style-type: none"> <li>IP40 (front panel) conforming to IEC 60529</li> <li>IP20 (body) conforming to IEC 60529</li> </ul>
pollution degree	2
relative humidity	5...95 % at 50 °C
ambient air temperature for operation	<ul style="list-style-type: none"> <li>-25...60 °C (NMI)</li> <li>-25...60 °C (IEC)</li> <li>-25...55 °C (MID)</li> </ul>
ambient air temperature for storage	-40...85 °C
operating altitude	< 2000 m
colour	White
9 mm pitches	10
width	90 mm
height	95 mm
depth	69 mm

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1214 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available