



## Main

Range	Acti 9
Product name	Acti 9 iEM3000
Device short name	IEM3100
Product or component type	Energy meter

Main incomer in buildings large building, for billing (Energy cost management)  
Sub feeder in buildings medium building, for cost allocation (Energy cost management)  
Main incomer in buildings small building, for billing (Energy cost management)  
Sub feeder in buildings medium building, for billing (Energy cost management)  
Panelboard in buildings medium building, for cost allocation (Energy cost management)  
Main incomer in buildings multi-site, for billing (Energy cost management)  
Panelboard in buildings large building, for billing (Energy cost management)  
Sub feeder in buildings small building, for cost allocation (Energy cost management)  
Main incomer in buildings multi-site, for cost allocation (Energy cost management)  
Sub feeder in buildings multi-site, for cost allocation (Energy cost management)  
Healthcare, for cost allocation (Energy cost management)  
Panelboard in buildings small building, for cost allocation (Energy cost management)  
Datacenter, for billing (Energy cost management)  
Sub feeder in buildings large building, for billing (Energy cost management)  
Industry, for cost allocation (Energy cost management)  
Panelboard in buildings multi-site, for billing (Energy cost management)  
Industry, for billing (Energy cost management)  
Panelboard in buildings multi-site, for cost allocation (Energy cost management)  
Sub feeder in buildings large building, for cost allocation (Energy cost management)  
Main incomer in buildings small building, for cost allocation (Energy cost management)  
Main incomer in buildings medium building, for cost allocation (Energy cost management)  
Panelboard in buildings large building, for cost allocation (Energy cost management)  
Datacenter, for cost allocation (Energy cost management)  
Main incomer in buildings medium building, for billing (Energy cost management)  
Sub feeder in buildings multi-site, for billing (Energy cost management)  
Sub feeder in buildings small building, for billing (Energy cost management)  
Panelboard in buildings small building, for billing (Energy cost management)  
Healthcare, for billing (Energy cost management)  
Main incomer in buildings large building, for cost allocation (Energy cost management)  
Panelboard in buildings medium building, for billing (Energy cost management)

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Complementary

Poles description	3P 1P + N 3P + N
Type of measurement	Active energy
Device application	Sub billing Partial meter
Accuracy class	Active energy : class 1 according to IEC 62053-21 Active energy : class B according to EN 50470-3 Active energy : class 1 according to IEC 61557-12
Analogue input type	Direct input
[In] rated current	63 A
Rated voltage	173...480 V 100...277 V
Network frequency	50 Hz 60 Hz
Technology type	Electronic
Display type	LCD display
Sampling rate	32 samples/cycle
Measurement current	<= 63 A
Maximum value measured	99999999.9 kWh
Communication port protocol	-
Communication port support	-
Local signalling	Accuracy checking : flashing LED (yellow) Power ON : indicator light (green)
Number of inputs	0
Number of outputs	0
Mounting mode	Clip-on
Mounting support	DIN rail
Connections - terminals	Screw terminals 16 mm <sup>2</sup>
Overvoltage category	III
Standards	IEC 61557-12 IEC 61010 IEC 61036 IEC 62053-23 UL 61010-1 IEC 62053-21
Product certifications	CE conforming to IEC 61010 CULus conforming to UL 61010-1 UL
Market segment	Residential Small commercial
Compatibility code	IEM3100

## 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 % at 50 °C
Ambient air temperature for operation	-25...55 °C
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 &#xA0;- since&#xA0; 1214 &#xA0;-&#xA0; Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Product Environmental</a>
Product end of life instructions	Available <a href="#">Product Environmental</a>

## Contractual warranty

Warranty period	18 months
-----------------	-----------