



Main

Range	Acti 9
Product name	Acti 9 iEM2000
Device short name	IEM2000
Product or component type	Energy meter
Market segment	Buildings / Small building (Energy Panelboard Cost management) in for Billing Buildings / Medium building (Energy Panelboard Cost management) in for Billing Buildings / Large building (Energy Panelboard Cost management) in for Billing Buildings / Multi-site (Energy Panelboard Cost management) in for Billing Datacenter (Energy Panelboard Cost management) in for Billing Healthcare (Energy Panelboard Cost management) in for Billing Industry (Energy Panelboard Cost management) in for Billing Buildings / Small building (Energy Panelboard Cost management) in for Cost allocation Buildings / Medium building (Energy Panelboard Cost management) in for Cost allocation Buildings / Large building (Energy Panelboard Cost management) in for Cost allocation Buildings / Multi-site (Energy Panelboard Cost management) in for Cost allocation Datacenter (Energy Panelboard Cost management) in for Cost allocation Healthcare (Energy Panelboard Cost management) in for Cost allocation Industry (Energy Panelboard Cost management) in for Cost allocation

Complementary


Poles description	1P + N
Type of measurement	Active power
Device application	Sub billing
Accuracy class	Active energy : class 1 according to IEC 62053-21
Analogue input type	Direct input
[In] rated current	40 A
Rated voltage	230 V +/- 20%
Network frequency	50 Hz 60 Hz
Frequency measurement range	48...62 Hz
Technology type	Electronic
Display type	Electromechanical
Sampling rate	32 samples/cycle
Measurement current	0...40 A
Display digits	7

Maximum value measured	999999.9 kWh
Communication port protocol	-
Communication port support	-
Local signalling	Indicator light (green) : power ON Indicator light (yellow) : metering and activity 3200 p/kWh
Number of inputs	0
Number of outputs	0
Power consumption in VA	10 VA
Mounting mode	Clip-on
Mounting support	DIN rail
Connections - terminals	Power circuit : bottom tunnel type terminals for 1 10 mm ²
Tightening torque	Power circuit : 1.2 N.m
Standards	IEC 61557-12 IEC 62053-21
Product certifications	MID CE
Compatibility code	IEM2000

Environment

IP degree of protection	IP40 conforming to IEC 60529
Ambient air temperature for operation	-20...70 °C at < 32 A -20...55 °C at >= 32 A
Ambient air temperature for storage	-40...70 °C
Relative humidity	95 % at 55 °C
Colour	White
9 mm pitches	2
Width	18 mm
Height	95 mm
Depth	67 mm
Product weight	0.073 kg

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0926 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

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