



Main

Range	Acti 9
Family	Acti 9 iEM2000
Device short name	IEM2010
Product or component type	Energy meter

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
Input type	Direct input
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	<= 40 A
Display digits	7
Maximum value measured	999999.9 kWh
Communication port protocol	-
Communication port support	-
Local signalling	Indicator light (yellow) : metering and activity, 3200 p/kWh Indicator light (green) : power ON
Digital outputs	1 pulse
Output voltage	5...35 V DC (20 mA)
Impulse duration	120 ms
Power consumption in VA	<= 10 VA
Mounting mode	Clip-on
Mounting support	DIN rail
Connections - terminals	Remote transfer : top tunnel type terminals for 1 4 mm ² Power circuit : bottom tunnel type terminals for 1 10 mm ²
Tightening torque	Remote transfer : 0.8 N.m Power circuit : 1.2 N.m
Standards	IEC 61557-12 IEC 62053-21
Product certifications	CE MID

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Environment

IP degree of protection	IP40 conforming to IEC 60529
Ambient air temperature for operation	-20...55 °C at >= 32 A -20...70 °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

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0926 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available