



Main

Range	Acti 9
Range of product	Acti 9 iEM3000
Device short name	IEM3135
Product or component type	Energy meter

Complementary

Poles description	1P + N 3P 3P + N
Type of measurement	Voltage Current Active and reactive power Active and reactive energy
Device application	Sub billing Multi-tariff Partial meter
Accuracy class	Active energy : class B according to EN 50470-3 Active energy : class 1 according to IEC 61557-12 Active energy : class 1 according to IEC 62053-21
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
Tariff input	4 tariff
Communication port protocol	M-bus 300, 600, 1200, 2400, 4800 and 9600 bauds 3750 V
Communication port support	Screw terminal block : M-Bus
Typical current consumption	Communication M-bus : 2.3 mA
Local signalling	Overload : alarm Accuracy checking : flashing LED (yellow) Power ON : indicator light (green)
Number of inputs	1 digital 0...5 V/11...40 V 24 V DC
Number of outputs	1 digital (static)
Output voltage	5...40 V DC < 50 mA
Mounting mode	Clip-on
Mounting support	DIN rail
Connections - terminals	Screw terminals 16 mm ²

Overvoltage category	III
Standards	IEC 61036 IEC 61557-12 IEC 62053-21 IEC 62053-23 IEC 61010 UL 61010-1
Product certifications	CULus conforming to UL 61010-1 CE conforming to IEC 61010 MID conforming to EN 50470-3 MID conforming to EN 50470-1

Environment

IP degree of protection	IP20 (body) conforming to IEC 60529 IP40 (front panel) 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 - since 1308 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Period	18 months
--------	-----------