Product data sheet
Characteristics

A9MEM3355
iEM3355 energy meter - 125 A - Modbus - 1 digital I - 1 digital O - multi-tariff



Main

Range of product	Acti 9 iEM3000
Device short name	IEM3355
Product or component type	Energy meter

Complementary

Poles description	1P + N 3P 3P + N
Type of measurement	Active and reactive power Current Voltage 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	125 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
Maximum value measured	99999999.9 kWh
Communication port protocol	Modbus RTU : 9.6, 19.2 and 38.4 kbauds, even/odd or none, insulation: 4000 V
Local signalling	Communications are active on the Modbus port (Modbus) : indicator light (yellow) Overload : alarm Accuracy checking : flashing LED (yellow) Power ON : indicator light (green)
Number of inputs	1 digital
Number of outputs	1 digital (static)
Mounting mode	Clip-on
Mounting support	DIN rail
Connections - terminals	Screw terminals 50 mm²
Overvoltage category	III

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Standards	IEC 61036 IEC 61557-12 IEC 62053-21 IEC 62053-23 IEC 61010
Product certifications	MID conforming to EN 50470-3 MID conforming to EN 50470-1

Environment

IP degree of protection	Body : IP20 conforming to IEC 60529 Front panel : IP40 conforming to IEC 60529
Pollution degree	2
Colour	White
9 mm pitches	14
Width	126 mm
Height	103.2 mm
Depth	69.3 mm

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1415 - Schneider Electric declaration of conformity
REACh	Reference contains SVHC above the threshold - go to CaP for more details
Product environmental profile	Available
Product end of life instructions	Available Download End Of Life Manual