Product data sheet
Characteristics

A9MEM3150
iEM3150 energy meter - 63 A - Modbus



Main

Range of product	Acti 9 iEM3000
Device short name	IEM3150
Product or component type	Energy meter

Complementary

Poles description	1P + N 3P 3P + N
Type of measurement	Active energy Active power Current Voltage
Device application	Sub billing 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
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) Accuracy checking : flashing LED (yellow) Power ON : indicator light (green)
Mounting mode	Clip-on
Mounting support	DIN rail
Connections - terminals	Screw terminals 16 mm²
Overvoltage category	III
Standards	IEC 61036 IEC 61557-12 IEC 62053-21 IEC 62053-23 IEC 61010

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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	10
Width	90 mm
Height	95 mm
Depth	69 mm

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1214 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months