

Product data sheet

Specifications



A9MEM3455 Meter, 3 Split Core 100A LVCTs, NEMA Type 4X Enclosure

EMKA934553L001014X

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Product or Component Type Energy meter kit

Complementary

Poles description	3P + N 1P + N 3P
Type of measurement	Active and reactive energy Active and reactive power Current Voltage
Metering type	Active, reactive, apparent energy (signed, four quadrant)
Device Application	Sub billing Multi-tariff Partial meter
Rated voltage	100...277 V +/- 20 % 173...480 V +/- 20 %
Network Frequency	60 Hz 50 Hz
Technology Type	Electronic
Display Type	LCD display
Current transformer type	Split core balance
Line Rated Current	100 A
Measurement accuracy	1 % 10...100 %
Enclosure mounting	Wall mounted
Communication port protocol	Modbus RTU 9.6, 19.2 and 38.4 kbauds even/odd or none
Communication port support	Screw terminal block RS485
Local signalling	Green indicator light power ON Yellow flashing LED accuracy checking alarm overload Yellow indicator light communications are active on the Modbus port (Modbus)
Mounting Mode	Clip-on
Mounting Support	DIN rail
Connections - terminals	Current circuit screw terminals 0.009 in ² (6 mm ²) Voltage circuit screw terminals 0.004 in ² (2.5 mm ²) Input/output circuit screw terminals 0.002 in ² (1.5 mm ²) Communication screw terminals 0.004 in ² (2.5 mm ²)
Tightening torque	Input/output circuit: 4.4 lbf.in (0.5 N.m) Philips screwdriver Voltage circuit: 4.4 lbf.in (0.5 N.m) Philips screwdriver Current circuit: 7.08 lbf.in (0.8 N.m) pozidriv screwdriver Communication: 4.4 lbf.in (0.5 N.m) Philips screwdriver

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Provided equipment	1 energy meter 3 x 100 A current transformer 1 enclosure
Product certifications	ANSI UL CSA

Environment

NEMA Degree of Protection	NEMA 4X
Ambient air temperature for operation	-13...158 °F (-25...70 °C)

Ordering and shipping details

Category	US10PL109775
Discount Schedule	0PL1
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	8.98 in (22.8 cm)
Package 1 Width	9.96 in (25.3 cm)
Package 1 Length	9.96 in (25.3 cm)
Package weight(Lbs)	9.947 lb(US) (4.512 kg)


Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.


[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No

Use Again

 Repack and remanufacture	
Take-back	No