

# Product data sheet

Specifications



## A9MEM3455 Meter, 3 Split Core 400A LVCTs, NEMA Type 4X Enclosure

EMKA934553L004034X

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

### Main

**Product or Component Type** Energy meter kit

### Complementary

<b>Poles description</b>	3P + N 1P + N 3P
<b>Type of measurement</b>	Active and reactive energy Active and reactive power Current Voltage
<b>Metering type</b>	Active, reactive, apparent energy (signed, four quadrant)
<b>Device Application</b>	Sub billing Multi-tariff Partial meter
<b>Rated voltage</b>	100...277 V +/- 20 % 173...480 V +/- 20 %
<b>Network Frequency</b>	60 Hz 50 Hz
<b>Technology Type</b>	Electronic
<b>Display Type</b>	LCD display
<b>Current transformer type</b>	Split core balance
<b>Line Rated Current</b>	400 A
<b>Measurement accuracy</b>	1 % 10...100 %
<b>Enclosure mounting</b>	Wall mounted
<b>Communication port protocol</b>	Modbus RTU 9.6, 19.2 and 38.4 kbauds even/odd or none
<b>Communication port support</b>	Screw terminal block RS485
<b>Local signalling</b>	Green indicator light power ON Yellow flashing LED accuracy checking alarm overload Yellow indicator light communications are active on the Modbus port (Modbus)
<b>Mounting Mode</b>	Clip-on
<b>Mounting Support</b>	DIN rail
<b>Connections - terminals</b>	Current circuit screw terminals 0.009 in <sup>2</sup> (6 mm <sup>2</sup> ) Voltage circuit screw terminals 0.004 in <sup>2</sup> (2.5 mm <sup>2</sup> ) Input/output circuit screw terminals 0.002 in <sup>2</sup> (1.5 mm <sup>2</sup> ) Communication screw terminals 0.004 in <sup>2</sup> (2.5 mm <sup>2</sup> )
<b>Tightening torque</b>	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.

<b>Provided equipment</b>	1 energy meter 3 x 400 A current transformer 1 enclosure
<b>Product certifications</b>	ANSI UL CSA

## Environment

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

## Ordering and shipping details

<b>Category</b>	US10PL109775
<b>Discount Schedule</b>	0PL1
<b>Returnability</b>	Yes
<b>Country of origin</b>	US

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	8.98 in (22.8 cm)
<b>Package 1 Width</b>	9.96 in (25.3 cm)
<b>Package 1 Length</b>	9.96 in (25.3 cm)
<b>Package weight(Lbs)</b>	16.250 lb(US) (7.371 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
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Packaging without single use plastic	No
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### Use Again

#### Repack and remanufacture

Take-back	No
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