

# Product data sheet

Specifications



## A9MEM3455 Meter, 3- Split Core 2400A LVCTs, NEMA Type 4X Enclosure

EMKA934553L024044X

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

**Price\*: 1,802.62 USD**

### 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** 2400 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<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>)

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

<b>Tightening torque</b>	Input/output circuit 4.4 lbf.in (0.5 N.m) Philips Voltage circuit 4.4 lbf.in (0.5 N.m) Philips Current circuit 7.08 lbf.in (0.8 N.m) pozidriv Communication 4.4 lbf.in (0.5 N.m) Philips
<b>Provided equipment</b>	1 energy meter 3 x 2400 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>GTIN</b>	3606486796085
<b>Returnability</b>	Yes
<b>Country of origin</b>	US

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	9 in (228.6 mm)
<b>Package 1 Width</b>	10 in (254.000000000 mm)
<b>Package 1 Length</b>	10 in (254.000000000 mm)
<b>Package 1 Weight</b>	17.749 lb(US) (8.051 kg)