Product data sheet

Specifications

A9MEM3455 Meter, 2- 100A Size 0 Solid Core LVCTs, NEMA Type 4X Enclosure

EMKA934552L201004X

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	Solid core
Line Rated Current	100 A
Measurement accuracy	+/- 0.5 % 5...120 %
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 in² (6 mm²) Voltage circuit screw terminals 0.004 in² (2.5 mm²) Input/output circuit screw terminals 0.002 in² (1.5 mm²) Communication screw terminals 0.004 in² (2.5 mm²)
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.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Provided equipment	1 energy meter 1 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
GTIN	3606486795941
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)	9.15 lb(US) (4.15 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**