

Product data sheet

Specifications



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

EMKA934553L201004X

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

Price*: 1,070.45 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 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)

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

Tightening torque	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
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
GTIN	3606486796016
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9 in (228.6 mm)
Package 1 Width	10 in (254.000000000 mm)
Package 1 Length	10 in (254.000000000 mm)
Package 1 Weight	9.350 lb(US) (4.241 kg)