

EMKA934553L010044X

A9MEM3455 Meter, 3- Split Core 1000A LVCTs, NEMA Type 4X Enclosure



Main

Product or Component Type	Energy meter kit
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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	1000 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 0.01 in ² (6 mm ²) Voltage circuit screw terminals 0.00 in ² (2.5 mm ²) Input/Output circuit screw terminals 0.00 in ² (1.5 mm ²) Communication screw terminals 0.00 in ² (2.5 mm ²)
Tightening torque	Input/Output circuit 4.43 lbf.in (0.5 N.m) Philips Voltage circuit 4.43 lbf.in (0.5 N.m) Philips Current circuit 7.08 lbf.in (0.8 N.m) pozidriv Communication 4.43 lbf.in (0.5 N.m) Philips

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Provided equipment	1 energy meter 3 x 1000 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	09775-ENERGY METER KITS
Discount Schedule	PL1
Returnability	Yes
Country of origin	US