

Product update

A9MEM2000T kilowatt-hour meter

> June 2011



Schneider Electric's A9MEM2000T kilowatt-hour meters are designed for metering active energy consumed by a single-phase electric circuit.

This product, without display, is the replacement for our EN40(P) 15238 and 15239 product references. It allows you to measure and communicate your electricity usage using a pulsed output. This contributes to improved energy management.

- > by monitoring the consumption of each sector, unit, workshop
- > to manage your electrical installation and optimise your building's power efficiency
- > for business, industrial and residential applications

The A9MEM2000T kilowatt-hour meter is in full compliance with standard IEC 61557-12 and IEC 62053-21 in terms of accuracy.

Their small size allows them to be installed in compact switchboards such as Kaedra, Pragma, Prisma G, A and B Type Distribution boards etc. The A9MEM2000T kilowatt-hour meter provides direct measurement up to 40A single-phase without CT's.

The bottom/bottom connection of current inputs facilitates the meter's connection with the associated circuit breaker. A pulse output can be used to manage kWh consumption remotely.



The Schneider Electric A9MEM2000T kilowatt-hour meter is designed to measure the energy consumed by an installation or part of an installation (ex: lighting).

As the products in this range are designed in compliance with the RoHS directive (2002/95/CE), they can be installed in equipment or an installation directly subjected to this regulation.

> Catalogue numbers

Type	Rating (A)	Voltage (V AC)	Tolerance (V AC)	Width in mod of 9mm	Ref.
Single-phase circuit (L1 + N)					
A9MEM2000T	40	230	+20	2	A9MEM2000T

> Main characteristics

Accuracy class	1
Frequency	48/62 Hz
Consumption	< 10 VA
Operating temperature	-25 °C à +55 °C -25 °C à +65 °C (32 A)
Connection by tunnel	Top terminals: 4mm
Terminals	Bottom terminals: 10mm
Compliance with standards	IEC 62053-21 IEC 61557-12 - PMD/DD/K55/1 No Mid approval
Sealable screw shield	Yes

For more information please contact us
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www.schneider-electric.co.uk