



# Single Phase KWh Meter - M

Single phase electrical energy meter for low voltage networks, provided with mechanical rotary display, designed to measure the electric energy consumed by any single circuit. This meter is particularly suitable for installations where partial energy consumption and analysis is required.

## Technical Characteristics

Voltage	110 - 230V AC
Tolerance	-15% + 20%
Frequency	50 / 60 Hz
Burden	< 0.25 VA
Rating	60 Amp
Overload	120A continuous
Accuracy	Class 1
Display	6 digits
Maximum count	999999 KWh
Output	1 - Opto-isolated Transistor
Type	Open collector
Max voltage	24V
Max current	50 mA
Frequency	1 pulse / sec
Duration	500 ms
Energy output	100 pulses/ KWh
Case	ABS self extinguishing
Mounting	DIN Rail 4 module
Cable hole	11 mm diameter
Terminals	Posidraft screws
Protection	IP51 Front cover IP20 Terminals
Weight	0.2 Kg
Standards	EN-61036, EN-61010
Safety	Class III - 300V AC (EN-61010)
Shock protection	Class II double insulation



**MK60M Single Phase KWh Meter**

- Single Phase KWh
- 6 digit mechanical display
- Pulse output
- Class I Accuracy
- DIN Rail 4 module housing

## Operating Instructions

Disconnect all power before installation.

Mount the KWH Meter on DIN Rail or direct to a metal plate using the 2 fixing holes.

Connect the unit as shown in the wiring diagram below, passing the cables to the Load through the two cable holes from top to bottom.

Screw the voltage connecting screws labelled L1 and L2/N into the cables ensuring that the pointed ends pierce the cable insulation making connection with the conductor. Smaller cables can be accommodated by utilising the correctly aligned black bushes supplied.

Connect the KWH pulse output as required ensuring that the polarity is correct. See diagram.

Type	Order Code
<b>MK60 - M</b>	<b>771 235</b>

