



Single Phase KWh Meter - MK60-LCD

Single phase electrical energy meter for low voltage networks, provided with a 6 digit Kilo-Watt-Hour LCD Display. Simultaneously shown are the voltage, current and Kilowatt load. Every minute the KWH display changes for a few seconds to show the KW Maximum Demand Power. 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 KWh
Maximum count	999999 KWh
Voltage	3 digits
Current	2 digits
KW	2 digits
Output Type	1 - Opto-isolated Transistor 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, IP20 Terminals
Ambient Temp.	0 - 50° C
Weight	0.2 Kg
Standards	EN-61036, EN-61010
Safety	Class III - 300V AC (EN-61010)
Shock protection	Class II double insulation



MK60-LCD Single Phase KWh Meter

- Single Phase KWh (999999 KWh max)
- Volts ● Amps ● KW ● Max demand KW
- KWh Pulse output
- Class I Accuracy
- DIN Rail 4 module housing
- Max demand Reset button

Operating Instructions

Disconnect all power before installation.

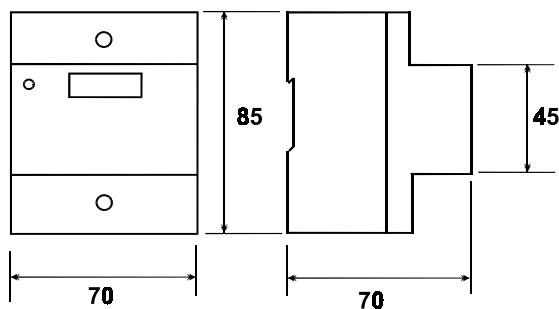
Mount the KWH Meter on DIN Rail or direct to a metal plate using the 2 fixing holes.

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.

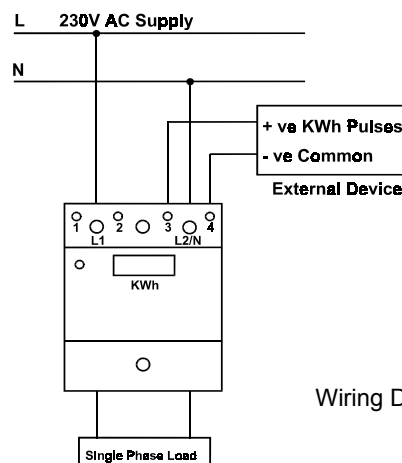
Screw the voltage connecting screws labelled L1 and L2/N into the cables ensuring that the pointed ends pierce the cable insulation making connection with the conductor. Smaller cables can be accommodated by utilising the correctly aligned black bushes supplied.

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

Type	Order Code
MK60 - LCD	771 215



Dimensions



Wiring Diagram