

FEATURES

The CE 0102W series of Watt / Kilowatt meters are microprocessor based instruments that measure Active Power. They are suitable for direct line applications or for use in a high current system in conjunction with a CT having a 1Amp or 5Amp CT secondary. The CE 0102W series of W/KW meters are also available for various ranges like 10-100W, 30-300W, 100-1000W etc. as per requirements.

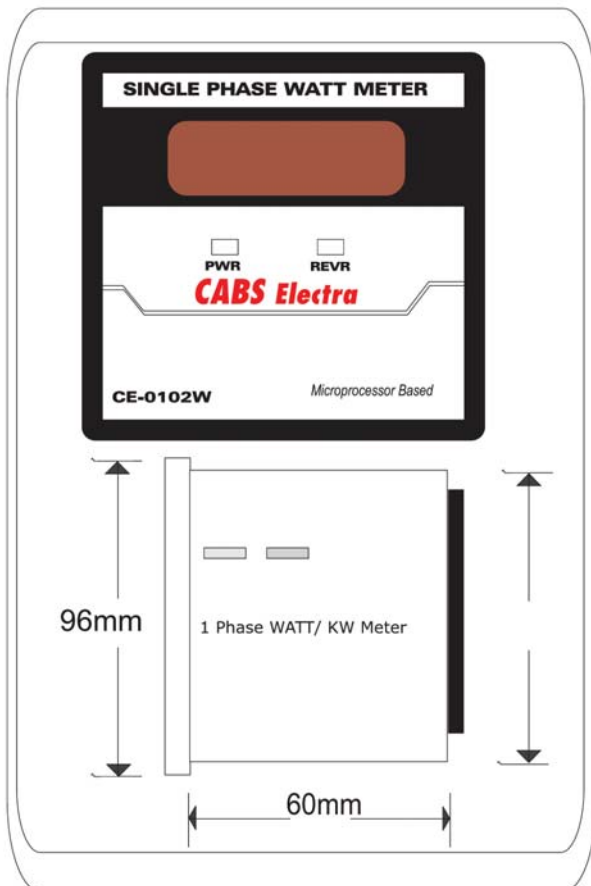
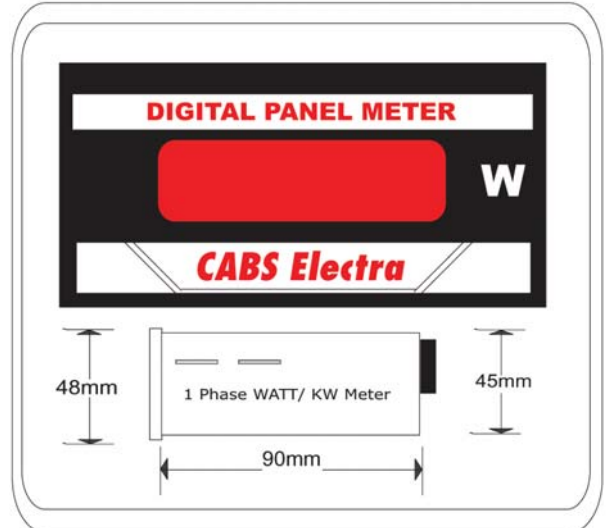
The measured Watt/Kilowatt is continuously displayed in a 4 - digit LED display on its front panel.

A minimum of 10% of full load is required for proper meter operation.

These meters are suitable even for applications where the Power Factor is very low.

The meters can be manufactured for inputs ranging from 500mA to 20 Amps with accuracies of 1% or 0.5% at UP and full load.

The CE 0102W series of Watt/Kilowatt meters are available in 96 x 96 mm and 96 x 48 mm bezel size



TECHNICAL SPECIFICATIONS

Input Impedance	0.002 ohm for current circuit 1 Meg. ohm for voltage circuit
Control Power	230 Volt AC \pm 10%, 50/60 Hz, 3VA
Voltage Input	300 V Max phase to neutral at any voltage terminal
Current Input	7A Max continuous at any current terminal
CT secondary	5 Amp or 1Amp (on order)
Environmental	
Operating Temperature	0°C to 70°C
Storage Temperature	- 20°C to 85°C
Relative Humidity	95%
Dielectric	2 KV for 1 minute

*Technical Specifications & Appearance are subject to change without prior notice