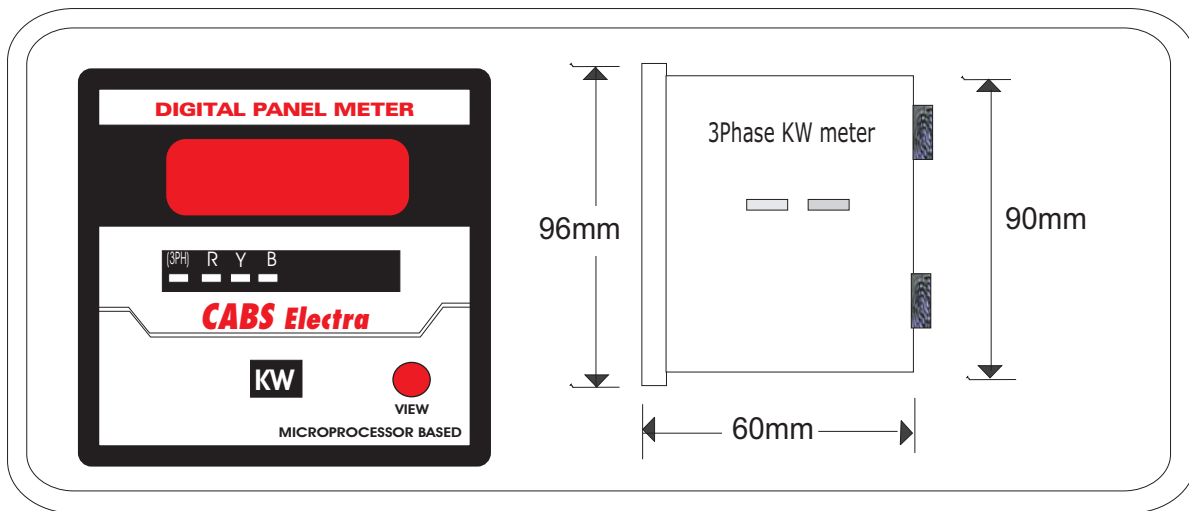


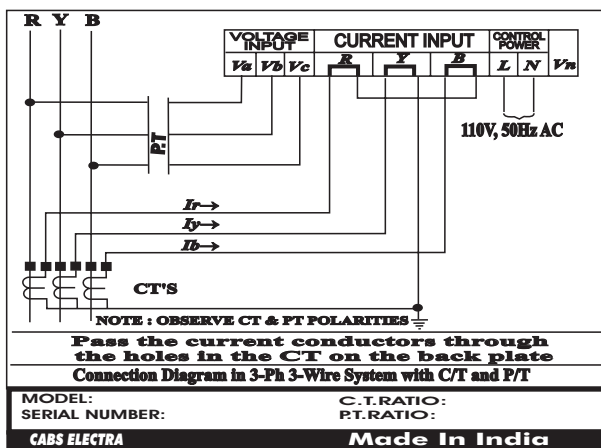
Microprocessor Based

## DIGITAL 3PHASE KILOWATT METER

The CE03\*\* series of Kilowatt meters are microprocessor based instruments that measure Active Power. They are suitable for direct line applications or for use in a HV system in conjunction with a CT having a 1Amp or 5Amp CT secondary and PT having a 110V secondary. The measured Kilowatt is continuously displayed in a 4-digit LED display on its front panel. A minimum of 10% or full load current is required for proper meter operation.



### CONNECTION DIAGRAM :



MODEL	RANGE	SYSTEM VOLTAGE	ACCURACY	RESOLUTION
CE 0102W	0-999.9KW 1.0-9999MW	230V, 1-PH with CT, HV system with CT & PT	$\pm 1\%$ of F/S +1 COUNT	1% of full SCALE
CE 0304W CE 0303W	0-9999.9KW 1% of 1.0-9999MW	400V, 3-PH, 4-wire with CT, HV system with CT & PT	$\pm 1\%$ of F/S + 1 COUNT	full SCALE

### 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	250 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)
<b>Environmental</b>	
Operating Temperature:	0°C to 70°C
Storage Temperature:	- 20°C to 85°C
Relative Humidity:	95%
Dielectric	2 KV for 1 minute.

Specifications are subject to change without notice

**Made in India by:**  
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