

ENERGY METER COUNTER

VERITEK



FEATURES

State of Art Microcontroller Based Design

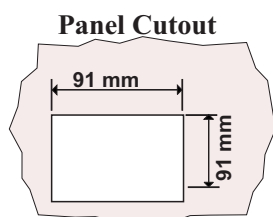
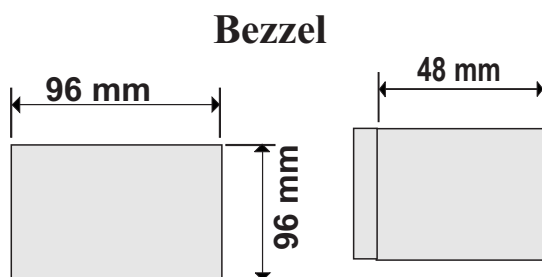
6 digit Stepper motor counter

Site programmable CT ratio(Reduced Inventory)

True RMS measurement

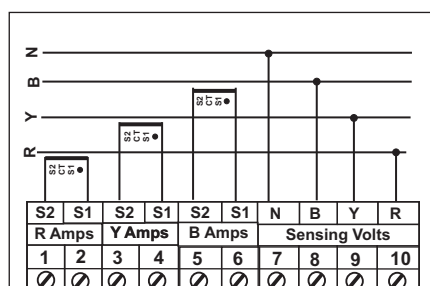
Reverse polarity & power ON Indication

MECHANICAL DIMENSION



Electrical Wiring / Connection Diagram

Back View



APPLICATION

Generation control panel

Distribution control panel

Load Analysis System

CT RATIO SELECTION CHART (DIP SWITCH)

Switch 1	Switch 2	Switch 3	Switch 4	Switch 5	CT Ratio
ON	OFF	OFF	OFF	OFF	5 / 5 Amps
OFF	ON	OFF	OFF	OFF	10 / 5 Amps
ON	ON	OFF	OFF	OFF	15 / 5 Amps
OFF	OFF	ON	OFF	OFF	20 / 5 Amps
ON	OFF	ON	OFF	OFF	25 / 5 Amps
OFF	ON	ON	OFF	OFF	30 / 5 Amps
ON	ON	ON	OFF	OFF	40 / 5 Amps
OFF	OFF	OFF	ON	OFF	50 / 5 Amps
ON	OFF	OFF	ON	OFF	60 / 5 Amps
OFF	ON	OFF	ON	OFF	75 / 5 Amps
ON	ON	OFF	ON	OFF	80 / 5 Amps
OFF	OFF	ON	ON	OFF	100 / 5 Amps
ON	OFF	ON	ON	OFF	125 / 5 Amps
OFF	ON	ON	ON	OFF	150 / 5 Amps
ON	ON	ON	ON	OFF	200 / 5 Amps
OFF	OFF	OFF	OFF	ON	250 / 5 Amps
ON	OFF	OFF	OFF	ON	300 / 5 Amps
OFF	ON	OFF	OFF	ON	400 / 5 Amps
ON	ON	OFF	OFF	ON	500 / 5 Amps
OFF	OFF	ON	OFF	ON	600 / 5 Amps
ON	OFF	ON	OFF	ON	625 / 5 Amps
OFF	ON	ON	OFF	ON	750 / 5 Amps
ON	ON	ON	OFF	ON	800 / 5 Amps
OFF	OFF	OFF	ON	ON	1000 / 5 Amps
ON	OFF	OFF	ON	ON	1200 / 5 Amps
OFF	ON	OFF	ON	ON	1250 / 5 Amps
ON	ON	OFF	ON	ON	1500 / 5 Amps
OFF	OFF	ON	ON	ON	1600 / 5 Amps
ON	OFF	ON	ON	ON	2000 / 5 Amps
OFF	ON	ON	ON	ON	2500 / 5 Amps
ON	ON	ON	ON	ON	3000 / 5 Amps

SPECIFICATIONS

Aux. Supply: 90-270 VAC/DC

Input Amps : 0.02 - 6.0 Amps for 6A model

Input Volts : 0-500VAC L-L

Burden : 0.2 VA max per input for current
& Voltage signals 3VA max.on
Aux Supply

Display : 6 digit stepper motor counter

Accuracy : Class 1.0

Computation : True RMS

Frequency : 45Hz - 56Hz

Ambient : -10 to 55°C

Humidity : < 95 % Non-condensing

Weight : 200gms

Dimensions : 96 X 96 X 48 mm

Panel Cutout : (90 ⁺¹₋₀)mm X (90 ⁺¹₋₀) mm

Mounting : Flush Mounting with side
clamps.

Multiplication Factor : 5 Amps-0.01
10-80Amps -0.1
100-800Amps-1
1000-3000Amps-10