



FEATURES

- State of Art Microcontroller Based Design.
- 4 Line Ultra Bright Red LED display to show phase wise & System Parameters on same page.
- Site Programmable CT & PT Ratio.
- True RMS measurement.
- Auto Scrolling Facility.
- Password protection
- EEprom retains Energy Parameters on power fail.
- Monitors Import & Export Energy.
- Computer Interface (RS 485)
- Pulse Output for PLC / SCADA interface
- Optional: Data Logging of all Parameters with Date & Time stamp (site programmable logging time interval).

PARAMETERS

- ✓ Volts : L - L, L - N (Per Phase & Avg.)
- ✓ Amps : Per Phase & summation
- ✓ Frequency : System
- ✓ Power Factor : Per Phase & Avg
- ✓ KW : Per Phase & Summation
- ✓ KVA : Per Phase & Summation
- ✓ KVAr : Per Phase & Summation
- ✓ KWh : Import, Export & Summation
- ✓ KVArh : Capacitive & Inductive
- ✓ KVAh : Total

ADVANTAGES

To caution on the Extra Energy Consumption
 To identify inefficiency of Machine / Man
 Reduce Panel Space, Wiring , Installation Time
 Scale User adjustable reduces inventory

APPLICATION

Control Panel	Test Bench
Distribution Systems	APFC Panel
Generator Sets	Energy Management
Motor Control	Process Control & SCADA

SPECIFICATION

System	: 3 Phase 4 Wire / 3 Phase 3 Wire / 1 Phase	Accuracy :	Voltage	: 0.5 % of F.S. ± 2 Digit
Aux. Supply	: 90 - 270 VAC, 50/60 Hz / DC		Current	: 0.5 % of F.S. ± 2 Digit
Burden on Aux.	: < 4 VA		Active Power	: Class1.0 IEC 61036
Voltage Input	: 110 / 415 / 440 VAC (L - L)500Vmax		Reactive Power	: Class1.0 IEC 61036
Current Input	: 1 Amps / 5 Amps		Apparent Power	: Class1.0 IEC 61036
Burden on CT	: < 0.2 VA		Power Factor	: ± 1° Electrical
Communication	: RS485 (Modbus - RTU Protocol) 9600 baud		Active Energy	: Class1.0 IEC 61036
Temp	: 0 - 55°C		Reactive Energy	: Class1.0 IEC 61268
Humidity	: < 95% RH (non condensing)		Frequency	: ± 0.2 Hz
Weight	: 350 gms	Dimension : 96 x 96mm		
		Depth (behind bezel) : 80 mm		
		Panel Cut out : 92 x 92 mm		

Other Products Manufactured



Panel Meter



Engine PU



CT



Transducer



Temperature



UV/OV/PR



Timer



Earth Leakage
Relay & CBCT