

**Features:**

- ▶ LED Display
- ▶ Site Programmable CT and PT ratio (Primary and Secondary)
- ▶ True RMS measurement
- ▶ Password Protection
- ▶ RS485 computer interface (optional)
- ▶ Harmonic measurement (THD V & I)
- ▶ Universal Auxiliary supply
- ▶ Displays all electrical parameters phase wise

**Advantages:**

- ▶ Energy Management System
- ▶ To caution on the Extra Energy Consumption
- ▶ CT Ratio Site Programmable reduces inventory

Applications:

- ▶ Distribution System
- ▶ Generator Sets

Measuring Parameters

- ▶ Active energy (kWh)
- ▶ Voltage (L-L)
- ▶ Voltage (L-N)
- ▶ Current (line)
- ▶ Power factor (phase)
- ▶ Power
- ▶ Frequency (System)
- ▶ Total Harmonic Distortion (Phase wise) : Voltage and current
- ▶ Load hour

Supply Voltage

Auxiliary Supply	90-270V AC/DC
Frequency	50-60 Hz

Display

Display	2 rows LED Display 1 row 8 Digits LED Display For Energy 1 row 4 Digits LED Display For other Parameters
Display Scrolling	Automatic/Manual

Settable Parameters

C.T. primary	1/5A to 10000A (Programmable)
C.T. Secondary	1/5A (Programmable)
P.T. Ratio	Programmable upto 132 kV
Display Reset	Energy

Environmental Specifications

Temperature	Operating : -10° to 55°C Storage : -20° to 75°C
Humidity	< 95% RH

Mechanical Specifications

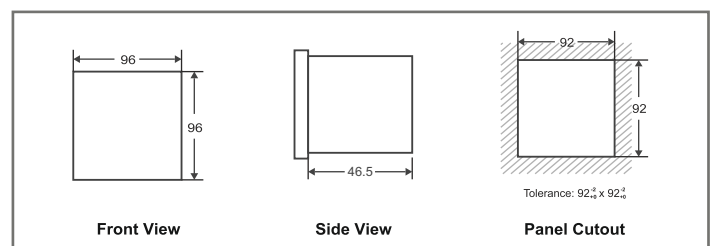
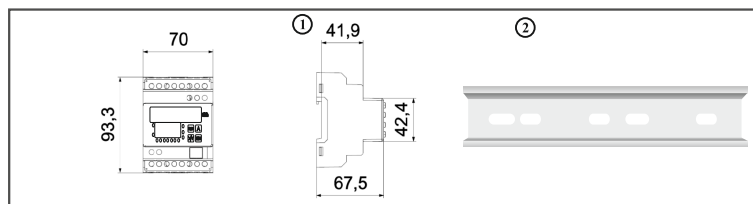
Mounting	Flush Mounting with Side Clamps
Weight	300 g
Enclosure Material	ABS Thermoplastic

Input Specifications

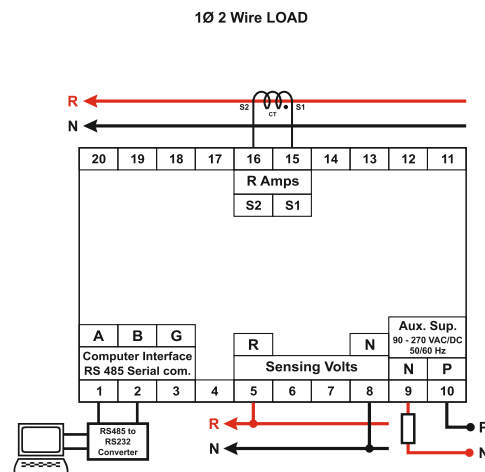
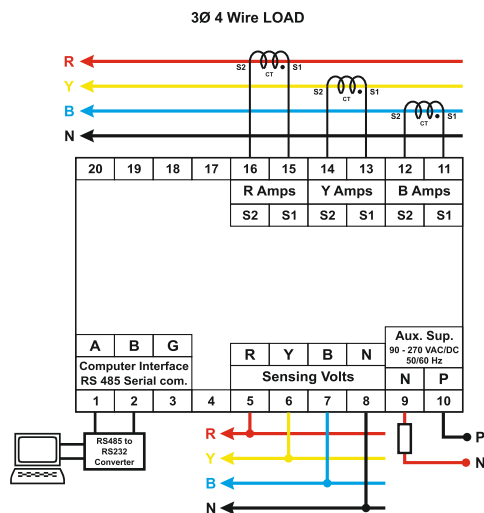
Electrical Connection	3Ø-4 wire / 1Ø-2 wire
Input Voltage Range	0-500V AC (L-L)
Input Current Range	0.015A-6A AC / Direct 60A (Optional)
Frequency	45-65 Hz
Resolution	▶ Energy 0.1 kWh ▶ Power factor : 0.001 ▶ Frequency : 0.01 Hz ▶ Voltage : Autoranging ▶ Current : Autoranging ▶ Power : Autoranging
Accuracy	▶ Voltage ±0.5% of F.S. ▶ Power factor ±0.5% ▶ Frequency ±0.1% ▶ Power : 0.5% ▶ Energy : Class 0.5
Burden	Voltage : 0.2 VA max. per input Current : 0.2 VA max. per input Aux. supply : 3 VA max.

Output Specifications

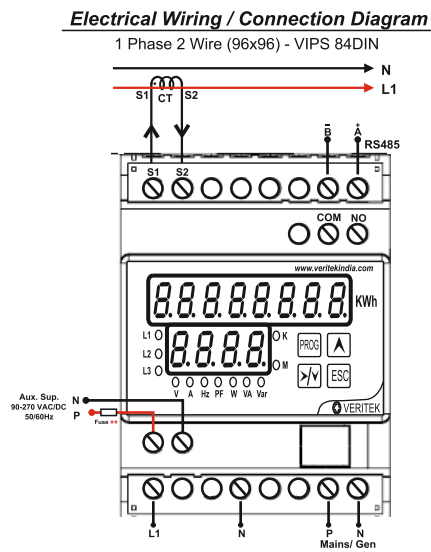
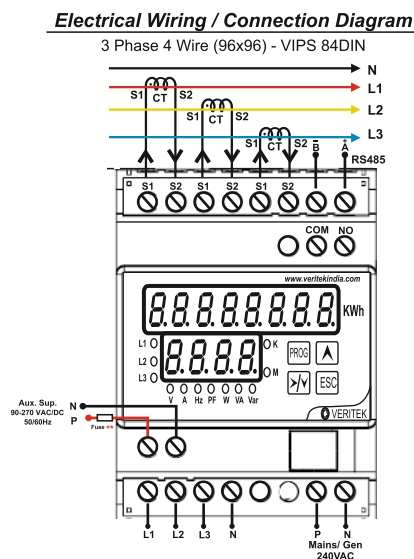
Communication	RS485 (Optional)
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Dimension VIPS 84**Dimension VIPS 84D**

Connection Diagram VIPS 84



Connection Diagram VIPS 84D



Ordering Information

Ordering Code	Current Rating	Comm. RS485
VIPS 84	0-5A, CT programmable	
VIPS 84 60A-3P-N	0-60A, external CT for 3 phase (N)	
VIPS 84-C	0-5A, CT programmable	✓
VIPS 84-C-60A-3P-N	0-60A, external CT for 3 phase (N)	✓

★ Add D For Dinrail

Accessories		
Description	Code	Photo
for external CT of 60A programmed for three phase	60A-3P	

Accessories	
The above module to be supplied with 1 meter long Leads	N