



**ENVIRONMENTAL CONDITION :**

|                                   |   |
|-----------------------------------|---|
| Working Temperature               | 0 to 55 °C                                    |
| Storage Temperature               | 0 to 55 °C                                    |
| Relative Humidity                 | 95 % RH Non-Condensing                        |
| Protection Level (As per request) | IP-65 (Front side As per IS/IEC 60529 : 2001) |

**MECHANICAL INSTALLATION**

| Outline Dimension (mm) | Panel Cutout Dimension (mm) |
|------------------------|-----------------------------|
|                        |                             |

**TECHNICAL SPECIFICATION**

**INPUT SPECIFICATION :**

| Current           |                                    |
|-------------------|------------------------------------|
| Input Current     | Through external shunt (0-75mV DC) |
| Shunt Selectable  | 5 to 9999 Amp                      |
| Voltage           |                                    |
| Direct voltage DC | 0 to 750V DC                       |

**CALCULATED PARAMETERS :**

| Parameter  | Range             | Accuracy      |
|------------|-------------------|---------------|
| DC Voltage | 0.00 - 19.99 V DC | 1 % OF 19.99V |
|            | 20.0 - 49.99 V DC | 1 % OF 49.99V |
|            | 50.0 - 199.9 V DC | 1 % OF 199.9V |
|            | 200.0 - 750 V DC  | 1 % OF 750 V  |
| DC Current | 0000 - 9999 A DC  | 1 % OF FSD    |
| WATT       | 0000 - 7499 KW    |               |

**DISPLAY & KEYS :**

|         |  |
|---------|--|
| Display | 4 Digit, 1 Line 7 seg. 0.39" RED<br>4 Digit, 1 Line 7 seg. 0.39" Green |
| Key     | SET, INC, DEC  |

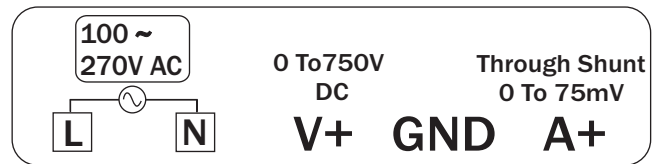
**DIMENSION :**

|              |                             |
|--------------|-----------------------------|
| Size (mm)    | 48 (H) x 96 (W) x 26 (D) mm |
| Panel Cutout | 45(H) x 92(W) mm            |

**AUXILIARY POWER SUPPLY :**

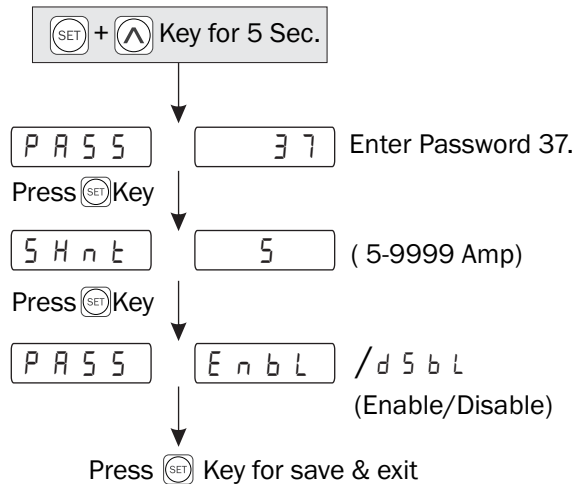
|              |                      |
|--------------|----------------------|
| Power Supply | 100 To 270V AC,50 Hz |
| Burden       | Approx 3VA @ 230V AC |

**TERMINAL CONNECTION**



Note:- Refer Page 2 for wiring diagram

**SHUNT SELECTION**



**ERROR DISPLAY**

When an error has occurred the display indicates error codes as given below.

| ERROR | MEANING  |
|-------|--|
| SHEr  | Shunt error or shunt connection is open        |
| Over  | Shunt input signal is excess more then 75mV DC |

## DISPLAY PAGE

### 1) Amp & Voltage Page

1500  
A

195.5  
V

### 2) Watt Page

4888  
A


9999  
V

If watt value is greater than 9999 watt ,then display will shown in KW (Kilo Watt) as below.

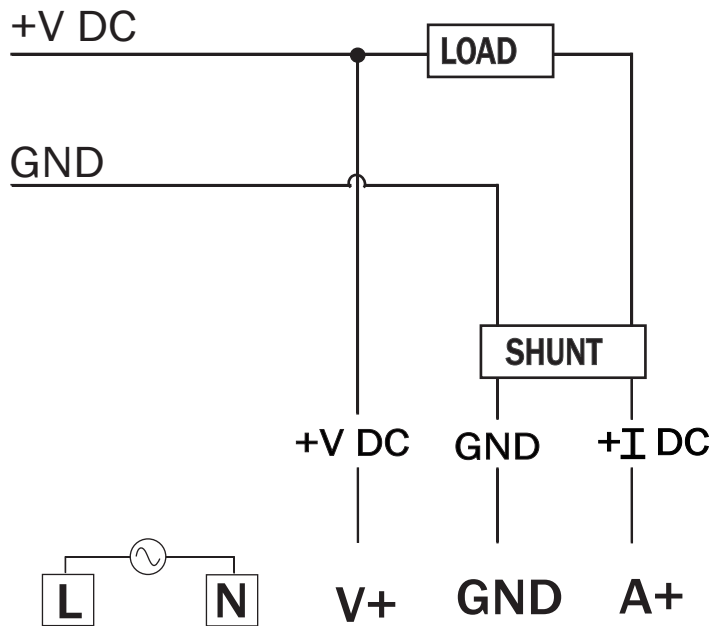
1.4  
A

1001  
V

(Kilo Watt)

Note :- Press  Key for change page.

## WIRING DIAGRAM



NOTE : Shunt should be placed between ground (GND) and current (A+) terminal

Specifications are subject to change, since development is a continuous process,  
So for more updated operating information and Support,  
Please contact our Helpline: 9978991474/9978991476/9978991482 or  
Email at [service@multispanindia.com](mailto:service@multispanindia.com) Ver:191201