

### Features:

- ◆ 4 Digit Ultra bright LED Display
- ◆ True RMS measurement
- ◆ 3 Samples Per Second
- ◆ Autoranging
- ◆ Micro-controller based



### Supply Voltage

|                  |                |
|------------------|----------------|
| Auxiliary Supply | 80V to 240V AC |
| Frequency        | 50/60 Hz       |

### Display

|               |                                |
|---------------|--------------------------------|
| Display       | 4 digits 7 segment LED display |
| Digit Height  | 0.56" (14.3mm)                 |
| Display Range | 0 to 516.0 VAC                 |

### Input Specifications

|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| System              | 3Ø4W & 3Ø3W                                                                             |
| Input Voltage Range | 50 V to 480 VAC                                                                         |
| P. T. Ratio         | 1.0, 3.77(415 V/110V), 4.0(440 V/110 V),<br>2.2, 3.3, 6.6, 11, 22, 33, 66 KV / 110 V AC |
| Accuracy            | Class 0.5                                                                               |
| Resolution          | Auto ranging                                                                            |
| Update Time         | 1 Sec.                                                                                  |

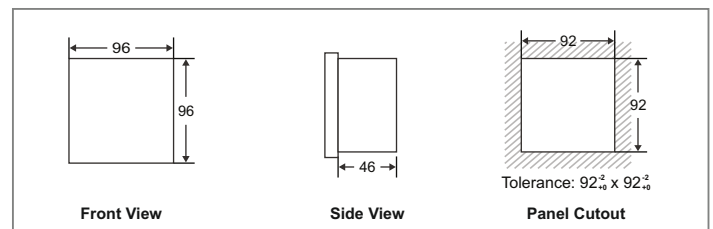
### Environmental Specifications

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

### Mechanical Specifications

|                    |                                 |
|--------------------|---------------------------------|
| Mounting           | Flush Mounting with Side Clamps |
| Weight             | 180 g                           |
| Enclosure Material | ABS Thermoplastic               |

### Dimension



### Applicable Standards

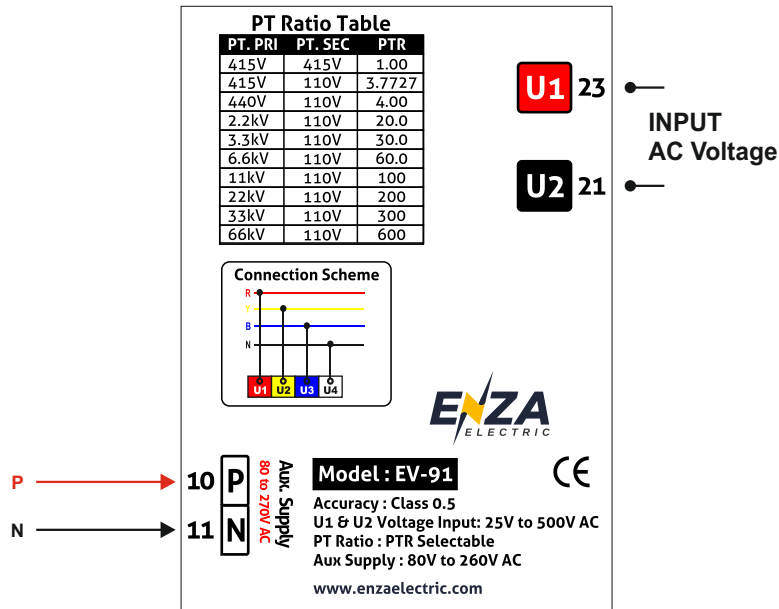
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|-------------------------------------------------------------------------------|---------------|
| Radio Interference Suppression                                                | CISPR22       |
| Fast Transient Burst Test                                                     | IEC61000-4.4  |
| Damped Oscillatory Waves Immunity Test                                        | IEC61000-4.12 |
| Test of Immunity to Electromagnetic RF Fields                                 | IEC61000-4.3  |
| Test of Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields | IEC61000-4.6  |
| Test of Immunity to Electrostatic Discharges                                  | IEC61000-4.2  |
| Surge Immunity Test                                                           | IEC61000-4.5  |
| Test of Protection Against Penetration of Dust & Water                        | IEC60529      |

### Certifications

CE RoHS



### Connection Diagram



### Ordering Information

| Ordering Code | Description                                      |
|---------------|--------------------------------------------------|
| EV-91         | Single Phase AC Voltmeter (96 x 96) 110V or 415V |
|               |                                                  |