



# AV-14,24,34 Single Phase Ampere Meter Series

## TECH SPECS

|                      |                |                     |              |
|----------------------|----------------|---------------------|--------------|
| Dimension (HxWxD) mm | 96 x 96 x 42   | 72 x 72 x 35        | 48 x 96 x 26 |
| Panel Cutout ( mm )  | 92 x 92        | 68 x 68             | 46 x 92      |
| Input                | Ampere (AC)    | 0.5 to 5A AC Direct |              |
|                      | Primary CT     | 5A to 4000A AC      |              |
| Accuracy             | Class 0.5      |                     |              |
| Power Supply         | 230V AC, 50 Hz |                     |              |

## APPLICATIONS

Electrical Control Panel

Power Distribution

Instrumentation Panel

Transformer training

# Technical Specifications

## Input

|                  |                |
|------------------|----------------|
| Primary CT       | 5A to 4000A AC |
| Secondary CT     | 0.5 to 5A AC   |
| Burden           | <0.2VA         |
| Starting Current | 50mA           |

## Display

4 Digit 7 seg 0.56", RED LED Display

## Power Supply

|             |               |
|-------------|---------------|
| Standard    | 230V AC, 50Hz |
| Consumption | UP to 4VA     |

## Physical

|                     | AV-14  | AV-24   | AV-34   |
|---------------------|--|---------|---------|
| Mount               | Panel  |         |         |
| Enclosure           | ABS  |         |         |
| Color               | Black  |         |         |
| Front Bezel ( mm )  | 96 x 96  | 72 x 72 | 48 x 96 |
| Panel cutout ( mm ) | 92 x 92  | 68 x 68 | 46 x 92 |
| Depth behind panel  | 42 mm  | 35 mm   | 26 mm   |
| Accessories         | 2 pair of Mounting clamp                                 |         |         |
| Terminal Cable Size | Barrier Type terminal Cable Size ( 2.5 mm <sup>2</sup> ) |         |         |

## Environmental

|                             |                       |
|-----------------------------|-----------------------|
| Operating Temperature       | 0 to 55 °C            |
| Storage Temperature         | 0 to 70 °C            |
| Humidity                    | 95% RH Non-condensing |
| Protection (As Per Request) | IP 65 ( Front Side )  |

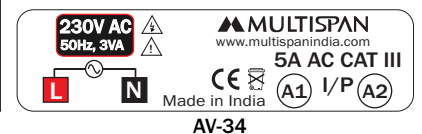
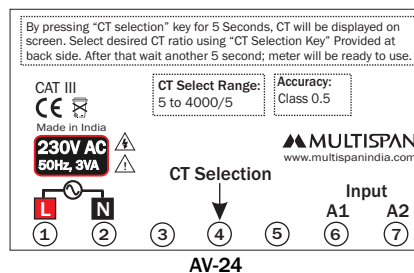
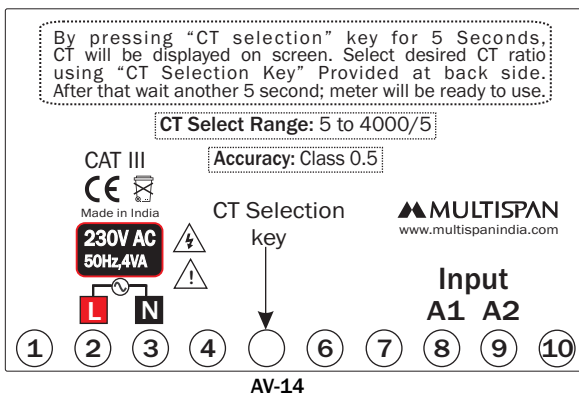
## Accuracy

Class 0.5 (Standard)

## Mechanical Dimension

|            |      |      |      |      |       |      |  |
|------------|------|------|------|------|-------|------|--|
|            |      |      |      |      |       |      |  |
| MODEL      | A    | B    | C    | D    | E     | F    |  |
| DIMENSIONS | 96mm | 96mm | 92mm | 92mm | 3mm   | 42mm |  |
| MODEL      | A    | B    | C    | D    | E     | F    |  |
| DIMENSIONS | 72mm | 72mm | 68mm | 68mm | 3mm   | 35mm |  |
| MODEL      | A    | B    | C    | D    | E     | F    |  |
| DIMENSIONS | 48mm | 96mm | 46mm | 92mm | 4.5mm | 26mm |  |

## Connection Diagram



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.  
Product improvement and upgrade is a constant procedure. So for more updated operating information & support contact us.

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