



SINGLE PHASE AMPERE METER

AV-14

APPLICATIONS

Electrical Control Panel

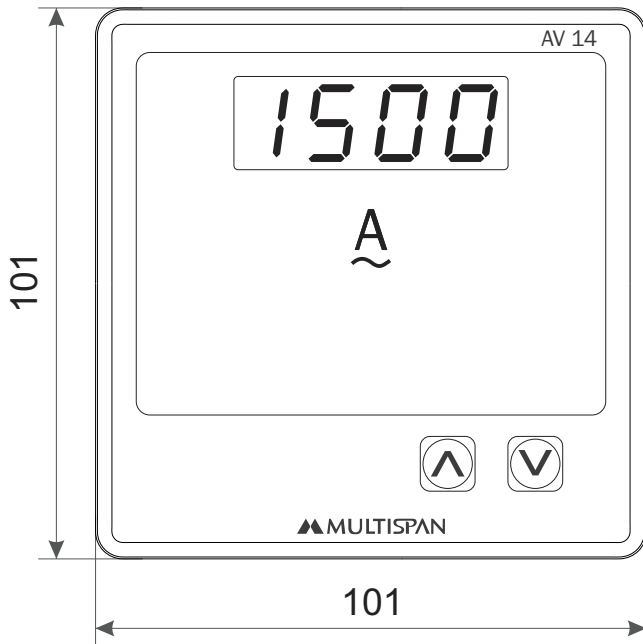
Power Distribution

Instrumentation Panel

Transformer training

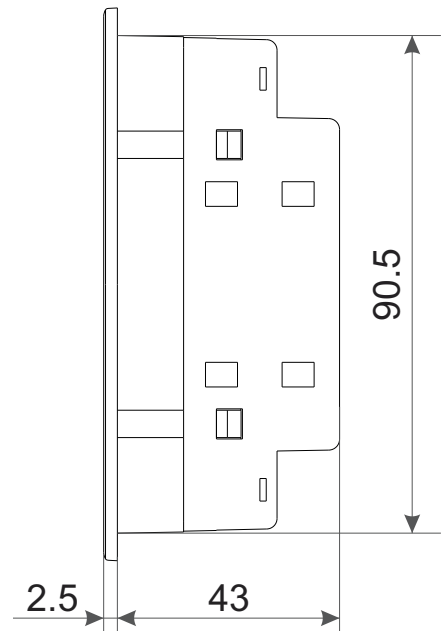
Mechanical Dimensions

Body Dimensions



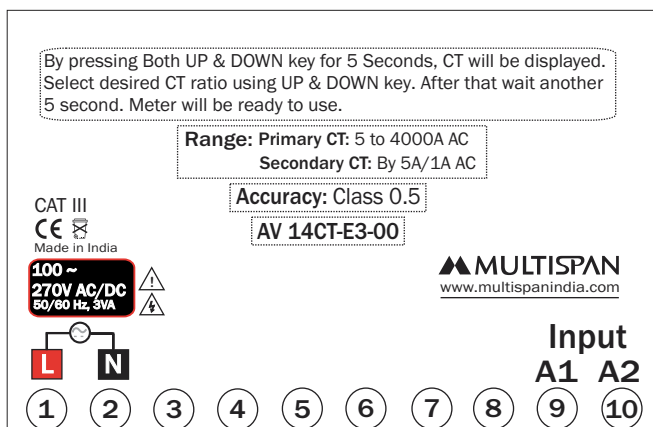
FRONT VIEW

All dimensions are in mm

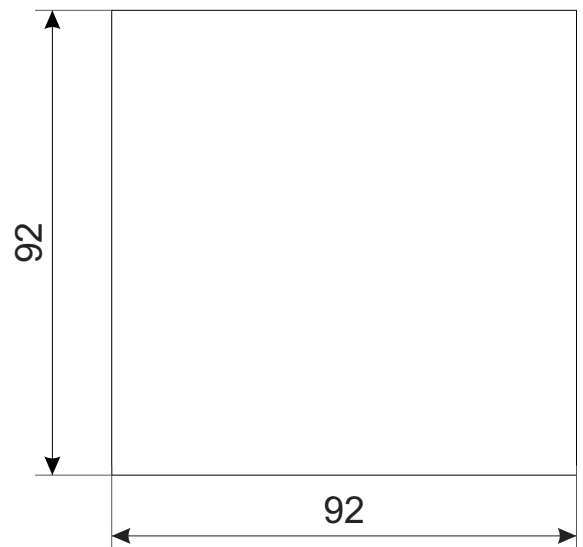


RIGHT SIDE VIEW


Connection Diagram



Panel Cutout



TECHNICAL DATA

| | | |
|----------------------|--------------------|---|
| Input | Ampere (AC) | 0.1 to 5A AC Direct |
| | Primary CT | 5A to 4000A AC |
| Accuracy | | Class 0.5 |
| Power Supply | | 100 to 270V AC/DC ,50/60Hz |
| Certification | |  |

| Input | |
|-------------------------|----------------|
| Primary CT | 5A to 4000A AC |
| Secondary CT | 0.1 to 5A AC |
| Burden | <0.2VA |
| Starting Current | 0.1A |

| Environmental Characteristics | |
|------------------------------------|-----------------------|
| Working Temperature | 0 to 55 °C |
| Storage Temperature | 0 to 70 °C |
| Relative Humidity | 95% RH Non-condensing |
| Protection (As per Request) | IP-65 (Front Side) |

| Auxiliary Power Supply | |
|------------------------|----------------------------|
| Standard | 100 to 270V AC/DC, 50/60Hz |
| Consumption | UP to 3VA |

| Display |
|--------------------------------------|
| 4 Digit 7 seg 0.56", RED LED Display |

| Accuracy |
|----------------------|
| Class 0.5 (Standard) |

| Mechanical Characteristics | |
|------------------------------|--|
| Mounting Type | Panel Mount |
| Dimension (HxWxD) mm | 101 x 101 x 43 |
| Panel Cutout (HxW) mm | 92 x 92 |
| Material | Front Enclosure Polycarbonate (PC) ABS |
| Terminal Screw Size | M3.5 |
| Screw Torque (N.m) | 0.5 |
| Wire Gauge (AWG) | 26-14 |
| Weight (Approx) gms | Unpacked : 125 Packed : 180 |
| Accessories | 1 Pair of Mounting Clamps |