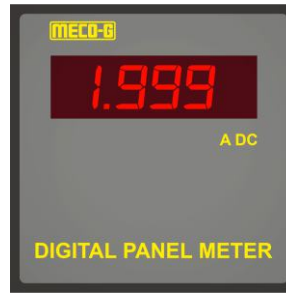




R-3501



72144R-3501



96R-3501



144R-3501

FEATURES

- * Digit Display: 1999
- * Rescaleable AAC, mADC & mVDC Ranges
- * Easy-to-wire, screw-type terminals

GENERAL SPECIFICATION

Measuring Method :Dual Slope A/D Conversion
Sampling Time :2.5 Samples Per Second
Display Type :Red LED Super Bright Display
Maximum Display :3½ dgt. 1999 Counts
Resolution :0.001 to 1 Count Depending on range
Polarity Indication :“-” is indicated for Negative Input
Decimal Selection :Field Selectable (Optional)
Over Range Indication :“1” or “-1”
Maximum Overload :Voltage: 1.2 times continuous
:Current: 2 times continuous
Frequency Response :50-60Hz. **Upto 1KHz optional.**
Environment :Calibration: 27°± 5°C
:Operating: 0° ~ 50°C, RH < 95%
:Storage: -10° ~ 60°C, RH < 95%

- * Outside Dimensions according to DIN standards (96x48mm), (96x96mm), (144x144mm), (72x144mm) (96x288mm)

VA Burden (Typical) : <2.5VA
Dielectric Strength : 2kV at 50Hz for 1 min. between input and Power terminals.
: 3kV at 50Hz for 1 min. between all terminals to case.
Accuracy **VDC** : ± 0.1% Rdg. ± 2 dgts.
VAC : ± 0.5% Rdg. ± 5 dgts.
ADC : ± 0.3% Rdg. ± 2 dgts.
AAC : ± 0.5% Rdg. ± 5 dgts.
Aux. Power Supply : 110V AC / DC, 230V AC / DC, 19-90VAC / DC, 5VDC / 24VDC / 48VDC, 85-264V AC/DC ±10% @50 / 60Hz

| DIRECT INPUT: DC or AC or TRMS | | | DIRECT INPUT: AC or DCmV / V / mA Input | | |
|--------------------------------|-----------------|------------|---|-----------------|---|
| MEASURING RANGE | INPUT IMPEDANCE | RESOLUTION | MEASURING RANGE | INPUT IMPEDANCE | DISPLAY RANGE |
| 199.9µA | 1KΩ | 0.1µA | 0-50mV | 1MΩ | Scaleable 10.0~1600A or as per Customer requirement. (Kindly mention at time of ordering) |
| 1.999mA | 100Ω | 0.001mA | 0-60mV | 1MΩ | |
| 19.99mA | 10Ω | 0.01mA | 0-75mV | 1MΩ | |
| 199.9mA | 1Ω | 0.1mA | 0-100mV | 1MΩ | |
| 1.999A | 0.1Ω | 0.001A | 0-5V | 1MΩ | |
| 5A/20A | 0.01Ω | 0.01A | 1-5V | 1MΩ | |
| 199.9mV | 1MΩ | 0.1mV | 0-10V | 1MΩ | |
| 1.999V | 1MΩ | 0.001V | 0-1mA | 10Ω | |
| 19.99V | 1MΩ | 0.01V | 4-20mA | 10Ω | |
| 199.9V | 1MΩ | 0.1V | CTR: --/1A (AC/TRMS) | 0.1Ω | |
| 750V | 1MΩ | 1V | CTR: --/5A (AC/TRMS) | 0.01Ω | 10.0 - 1600A |
| 1000V | 1MΩ | 1V | | | |

Note1: Data Hold Facility Available.

Note2: Other Aux. Supply available. (Subject to Technical Feasibility)

Note3: Instruments with Larger display height of 1", 1.8", 2.0" etc also available.

Note4: Instruments with variable displays i.e. RPM / mm / mm/min etc. also available.

Note5: Instruments with Zero / Span adjustment and external decimal point changing facility available. Subject to technical feasibility.

