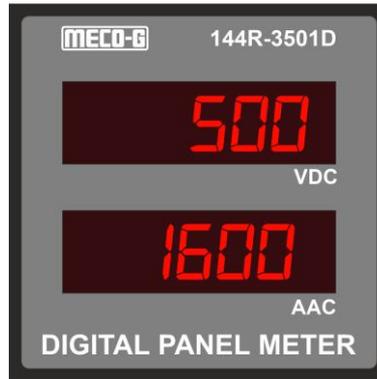


**96R-3501D**



**144R-3501D**

**FEATURES**

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

- \* Outside Dimensions according to DIN standards (96x96mm), (144x144mm)
- \* Low Cost Unit

**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** :3 1/2 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%

**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% Rgd. ± 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
199.99µA	1KΩ	0.01µA	0-50mV	1MΩ	As per Customer requirement. (Kindly mention at time of ordering) Subject to Technical Feasibility
1.9999mA	100Ω	0.0001mA	0-60mV	1MΩ	
19.999mA	10Ω	0.001mA	0-75mV	1MΩ	
199.99mA	1Ω	0.01mA	0-100mV	1MΩ	
1.9999A	0.1Ω	0.0001A	0-5V	1MΩ	
5A/20A	0.01Ω	0.001A	1-5V	1MΩ	
199.99mV	1MΩ	0.01mV	0-10V	1MΩ	
1.9999V	1MΩ	0.0001V	0-1mA	10Ω	
19.999 V	1MΩ	0.001V	4-20mA	10Ω	
199.99V	1MΩ	0.01V	CTR: --/1A (AC/TRMS)	0.1Ω	
750.0V	1MΩ	0.1V	CTR: --/5A (AC/TRMS)	0.01Ω	
1000.0V	1MΩ	0.1V			

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.

