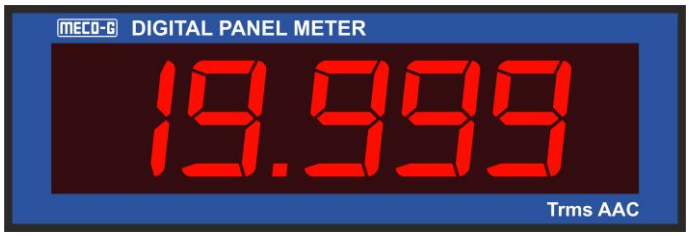
4½ DIGIT VOLTMETER / AMPMETER - TRMS

CE

Actual Size: 96x48mm

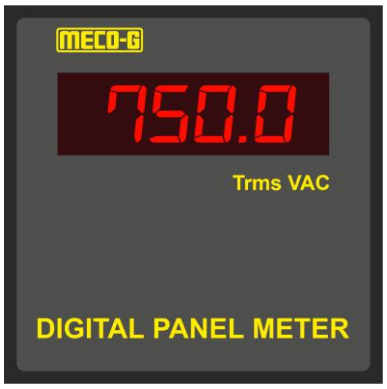
R-4500T

Actual Size: 96x288mm



96288R-4500T

Actual Size: 96x96mm



96R-4500T

FEATURES

* Digit Display:19999
* Easy-to-wire, screw-type terminals
* Low Cost Unit
* Outside Dimensions according to DIN standards (96x48mm), (96x96mm), (72x144mm), (96x288mm)

GENERAL SPECIFICATION

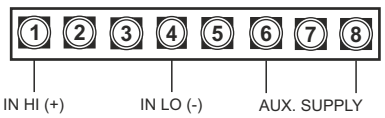
Measuring Method	:RMS to DC and Dual Slope A/D Conversion
Sampling Time	:2.5 Samples Per Second
Display Type	:Red LED Super Bright Display
Maximum Display	:4½ dgt. 19999 Counts
Resolution	:0.0001 to 1 Count Depending on range
Polarity Indication	:"-" is indicated for Negative Input
Decimal Selection	:Factory Set
Over Range Indication	:"0000"
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**	: ± 0.05% Rdg. ± 2 dgts.
	VAC	: ± 0.1% Rdg. ± 5 dgts.
	ADC	: ± 0.1% Rdg. ± 2 dgts.
	AAC	: ± 0.1% Rgd. ± 5 dgts.
Aux. Power Supply		: 110V AC / DC, 230V AC / DC, 19-90VAC / DC, 5VDC / 24VDC / 48VDC, 85-264VAC/DC / 440VAC ±10%@50 / 60Hz

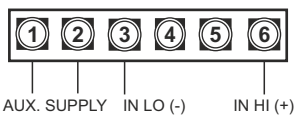
DIRECT INPUT			DIRECT INPUT		
MEASURING RANGE	**INPUT IMPEDANCE**	**RESOLUTION**	**MEASURING RANGE**	**INPUT IMPEDANCE**	**DISPLAY RANGE**
1.9999mA	100Ω	0.0001mA	1A	0.1Ω	As per Customer requirement. (Kindly mention at time of ordering) Subject to Technical Feasability
19.999mA	10Ω	0.001mA	5A	0.01Ω	
199.99mA	1Ω	0.01mA	CTR: --/1A	0.1Ω	
1.9999A	0.1Ω	0.0001A	(AC TRMS)		
5A	0.01Ω	0.001A	CTR: --/5A	0.01Ω	
1.9999V	1MΩ	0.0001V	(AC TRMS)		
19.999V	1MΩ	0.001V			
199.99V	1MΩ	0.01V			
750.0V	1MΩ	0.1V			

Note1: Data Hold Facility Available.
Note2: Other Aux. Supply available. (Subject to Technical Feasability)
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 feasability.

96x48mm



96x96mm



144x144 / 72x144 / 96x288mm