



96R-VAF11



96R-VAF34

Introduction:

MECO-G has introduced a unique, low-cost meter for the first time. It has simultaneous display for Voltage, Current, Frequency, Rpm and Hours. This reduces the cost of using 6 separate meters and saves space on the panel. Cable wiring is also reduced, effecting huge saving in cost. Running time of generators is displayed in hours. Two separate models for Single Phase and Three Phase - Four Wire are available

Special Features:

- * 3 Separate Displays for Volts Amps, Frequency / RPM
- * Hour Display
- * Multiplier for Voltage, Current, frequency to display PT, CT primary values and RPM.
- * User Programmable CT Ratio (1.00~999.9)

- * Small, Compact in size
- * Rescaleable Facility for Volts, Amps, Frequency.
- * Micro controller based design
- * High Accuracy and Stability.

Specification:

Measuring Method :TRMS using Micro controller
Sampling Time :2.5 Samples Per Second
Display Type :Red LED Super Bright Display
Maximum Display :9999 Counts
Resolution :0.001 to 1 Count Depending on range
Polarity Indication :“-” is indicated for Negative Input
Decimal Selection :Auto
Over Range Indication :“1” or “-1”
Maximum Overload :Voltage: 1.2 times continuous
 :Current: 2 times continuous
Frequency Response :50-60Hz Standard. **Upto 400Hz optional.**
Environment :Calibration: 27°± 5°C
 :Operating: 0° ~ 50°C, RH < 95%
 :Storage: -10° ~ 60°C, RH < 95%

VA Burden (Typical) : <5VA
Dielectric Strength : 2kV at 50Hz for 1 min. between input and Power terminals.
 : 2kV at 50Hz for 1 min. between all terminals to case.
Aux. Supply : Self Powered

TYPE	MODEL
Single Phase One Element	96R-VAF11
Three Phase Four Wire Three Element (Balanced Load)	96R-VAF34

DISPLAY	RANGE	ACCURACY
Voltage (V)	0-110, 230, 440V (Any One) @ 50Hz	± 0.3% + 4dgt.
Ampere (A)	0-1A / 5A (Any One) (CTR: 1 ~ 999.9)	± 0.3% + 4dgt.
Frequency (Hz)	40-99.99 Hz	± 0.1Hz
Time	0-99.99 Hrs	-

