

PRELIMINARY
DATASHEET



Features:

- 3 Ø (True rms) Voltage
- 3 Ø (True rms) Current
- Frequency
- Run Hour (Hour - Mins)
- RPM
- Programmable CT Primary, PT Primary & PT Secondary

Size: 96mm X 96mm (1/4 DIN)

Certifications: CE

Technical Specifications

Display

Display	3 rows, LED display
Digit	3
Digit Height	0.56" (14.2mm)

Input Specifications

Electrical Connection	3Ø-3 wire & 3Ø-4 wire
Input Voltage Range	11 to 300V AC, (Phase to Neutral) 19 to 519V AC, (Phase to Phase)
Input Current Range	Nominal 5A (Min-30mA, Max-6A)
Frequency	50 or 60 Hz
Display Scrolling	Automatic / manual
RPM	1350 - 1950 [Pole: 4 (Range: 0 - 98, selectable in steps of 2), Frequency: 45-65 Hz]
Run Hour	0 - 99999.9 hr
Resolution	Current & Voltage: Depending on CT & PT primary setting RPM: 0.1 Run Hour: 0.1hr
Accuracy	Voltage(L-N / L-L): ±0.5% of F.S. ±2digit Average Voltage (L-N / L-L): ±0.5% of F.S. ±2 digit Current: ±1% of F.S. ±2 digit Average current: ±1% of F.S. ±2 digit Frequency: ±0.1Hz ±1digit Run Hour: ±1% RPM: ±0.5%
Measurements	1) 3 Ø Voltage (L-N, L-L, Avg.) 2) 3 Ø Current (I1, I2, I3, Avg.) 3) Frequency 4) RPM 5) Run Hour

Supply Specifications

Auxiliary Supply	230V AC, ±20% (50/60 Hz) 110V AC, ±20% (50/60 Hz)
Burden	0.5 VA max @ 5A per phase

Resettable Parameters

C.T Primary	5A to 10,000A (Programmable for any value)
CT Secondary	5A fixed (External CT must be connected for current more than 5A)
PT Primary	100V to 500kV (Programmable for any value)
PT Secondary	100 to 500V AC (L-L) (Programmable for any value)

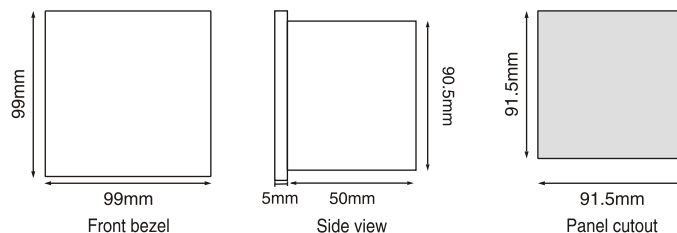
Environmental Specifications

Temperature	Operating: -10 to 55°C Storage: -20 to +75°C
Humidity (non-condensing)	Upto 85% RH

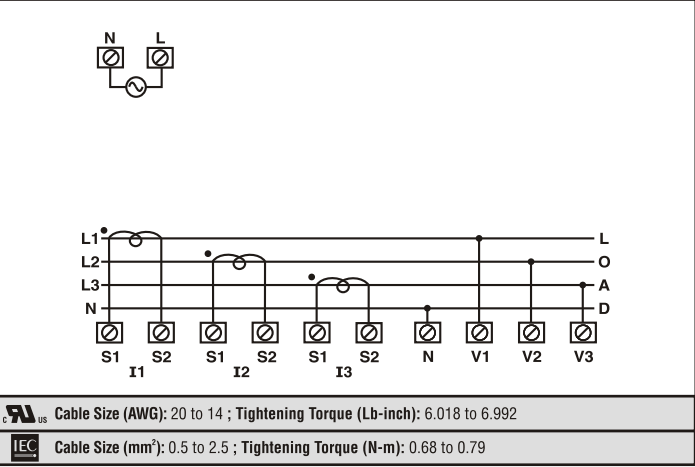
Mechanical Specifications

Mounting	Panel mount
Weight	344 gms

Dimensions



Terminal Connections



Ordering Information

Part No.	Supply Voltage	Certification
	230V AC	CE
VAF39A-1-230V	■	