



## 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  LISTED

## Technical Specifications

### Display

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

### Input Specifications

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
Electrical Connection	3Ø-3 wire & 3Ø-4 wire
Input Voltage Range	11 - 300V AC (phase to neutral) 19 - 519 V AC (phase to phase)
Input Current Range	50mA - 5A AC (6A max.)
Frequency	50 or 60 Hz
RPM	1350 - 1950 [ Pole: 4 (Range: 2 - 98, selectable in steps of 2), Frequency: 45-65 Hz]
Run Hour	0 - 99999.9 hr
Resolution	Current: 0.01, 0.1, 1 A/kA (Depending on CT primary) Voltage: 0.1 V / kV RPM: 0.1 Run Hour: 0.1hr
Display Scrolling	Automatic / manual
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%

### Supply Specifications

Auxiliary Supply	230V AC, ±20% (50 Hz) 110V AC, ±20% (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)

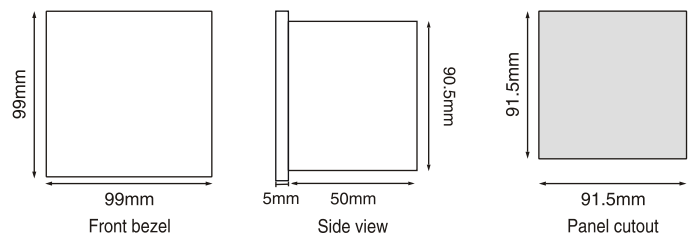
### Environmental Specifications

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

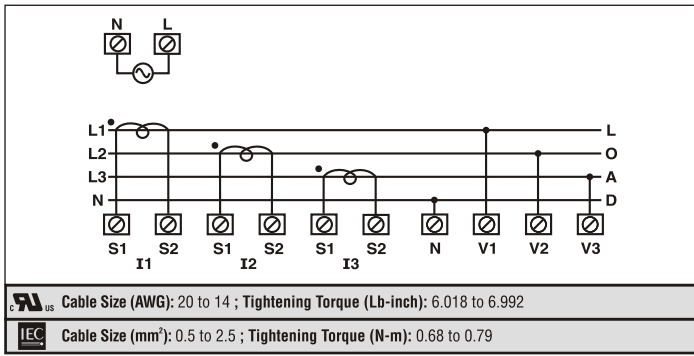
### Mechanical Specifications

Mounting	Panel mount
Weight	320 gms
Protection Level	IP65 for faceplate

### Dimensions



### Terminal Connections



### Ordering Information

Part No.	Supply Voltage		Certification	
	110V AC	230V AC	CE	UL <sup>®</sup> LISTED
VAF39A-230V-CE		■	■	
VAF39A-230V-CU		■	■	■
VAF39A-110V	■			
VAF39A-110V-CU	■		■	■