



Features:

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

Certifications: CE  US LISTED

Display Specifications

| | |
|--------------|--------------------------------------|
| Display | 3 rows, Liquid Crystal Display |
| Digits | 3 |
| Digit Height | 0.56" |
| Bargraph | For current representation in % form |

Input Specifications

| | |
|----------------------------|--|
| Electrical Connection | 3Ø-3 wire & 3Ø-4 wire, 2Ø 3 wire, 1Ø-2 wire |
| Input Voltage Range | 11 to 300V AC, (Phase to Neutral) 19 to 519V AC, (Phase to Phase) |
| Input Current Range | Nominal 5A (Min-20mA, Max-6A) |
| Frequency | 50 or 60 Hz |
| Display Scrolling | Automatic / manual |
| RPM | 1350 - 1950 [Pole: 0 (Range: 0 - 98, selectable in steps of 2), Frequency: 45-65 Hz] |
| Run Hour | 0 - 99999.9 hr |
| Resolution primary setting | Current & Voltage: Depending on CT & PT 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 |

Auxiliary Supply Specifications

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

Settable Parameters

| | |
|--------------|---|
| CT 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) |

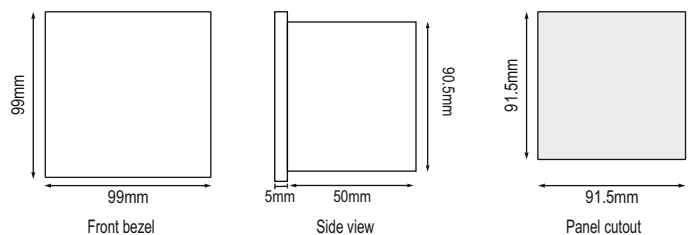
Environmental Specifications

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

Mechanical Specifications

| | |
|----------|-------------|
| Mounting | Panel mount |
| Weight | 357 gms |

Dimensions



Compliance

| Applicable EMI / EMC Standards | | |
|--------------------------------|----------------|--|
| Product Standard : IEC 61326-1 | | |
| Category | | Standards Compliance |
| ESD Immunity | IEC 61000-4-2 | Level IV (Air discharge : 15kV), (Contact Discharge : -8kV) |
| Surge Immunity | IEC 61000-4-5 | +/- 2kV common mode, (Line to ground) +/- 1kV differential mode, (Line to Line) |
| Radiated Susceptibility | IEC 61000-4-3 | Level III, 80 to 1000MHz (10V/m) Level II, 1.4GHz to 2GHz (3V/m) Level I, 2GHz to 2.7GHz (1V/m) |
| Conducted Susceptibility | IEC 61000-4-6 | Level II (3V/m) |
| Voltage Dips and Interruptions | IEC 61000-4-11 | Dips : 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria C) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) Interruptions : 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C) |
| Conducted Emission | CISPR-11 | |
| Radiated Emission | CISPR-11 | |
| Electrical Fast Transient | IEC 61000-4-4 | Level III (2kV) |

Ordering Information

| Product Code | Supply Voltage | | Certification | |
|----------------|-------------------|-------------------|---------------|---------------------------|
| | 110V AC (±20%) | 230V AC (±20%) | CE | UL [®] LISTED |
| VAF36A-230V-CE | | ■ | ■ | |
| VAF36A-230V-CU | | ■ | ■ | ■ |
| VAF36A-110V-CE | ■ | | ■ | |
| VAF36A-110V-CU | ■ | | ■ | ■ |

Terminal Connections

