



VIF96U

Features

- TRMS Measurement
- Measures V, A, Hz, Run Hour, ON Hour & RPM
- RUN Hour / ON Hour (Max. 99999 Hours, 59 Minutes, 59 Second)
- RUN Hour / ON Hour Reset Facility
- Auto Scroll / Manual Scroll Display
- 3 Phase 4 wire
- 3 Rows of 3 Digits Super Bright Red LED Display
- Programmable CTR, PTR, Number of Pole Setting
- Auto Indication for 'KV' & 'KA'
- Auto Selection of Decimal Point

Parameters Measured	Accuracy \pm (%FS)	Phase	System
Voltage	$\pm 0.5\%$	VRN, VYN, VBN, VRY, VYB, VBR	V (System)
Current	$\pm 0.5\%$	IR, IY, IB	I (Average)
Frequency	± 0.2 Hz	NA	Hz (System)
RPM	$\pm 0.5\%$	NA	RPM (System)
RUN Hour	NA	NA	RUN Hour (System)
ON Hour	NA	NA	ON Hour (System)

Specifications

Display	3 Rows of 3 Digit RED Seven Segment Display 0.56" / 14.2mm Digit Height		Voltage Input	< 0.2 VA / Phase
			Current Input	< 0.2 VA / Phase
Auxiliary Supply	85 - 265 V AC/DC (SMPS)		System	3 Phase 3 Element 4Wire
	19 - 90 V AC/DC (SMPS) (Under Development)		Standard	
Input Voltage	51 - 300 V AC (Max.) (PH - N)	Any one	Installation Category	Cat II (IEC / EN61010 - 1)
	21 - 150 V AC (Max.) (PH - N)		Pollution	Degree 2 (IEC / EN61010 - 1)
	88 - 519 V AC (Max.) (PH - PH)	Any one	Environment	
	36 - 258 V AC (Max.) (PH - PH)		Calibration	27°C \pm 5°C
Input Current	0.5 A to 6 A (Max.) For 5A Meter	Any one	Operating	0 to 50°C, RH < 70%
	0.1 A to 1.2 A (Max.) For 1A Meter		Storage	-10 to 60°C, RH < 70%
Frequency	45 - 55 Hz		Dimensions (mm)	
RPM	As per Number of Pole Setting. Fully Programmable (1 - 255)		Front	96 x 96 mm
			Depth (Behind Bezel)	43 mm
			Panel Cutout	92 (+0.8, - 0.0) x 92 (+0.8, - 0.0)
VA Burden (Typical)			Dielectric Strength	2.5 KV at 50 Hz for 1 min
Auxiliary	< 2.5 VA		Insulation Resistance	> 20 MOhms at 500 V DC

Ordering Information : Model, Input Voltage, Input Current, Input Frequency, System 3P3E4W & Auxiliary Supply

Terminal Connection

