

MFM & VAF



	MFM	VAF
Functions	Digital Multi Function Meter	
Measurement Type	1. Voltage L-L, L-N (Individual / Average) 2. Current (Individual / Average) 3. Frequency 4. Power Factor (Individual/Average) 5. Active, Reactive & Apparent Power (Individual/Total) 6. Active, Reactive & Apparent Energy (Total)	1. Voltage L-N / L-L 2. Current (Individual / Average) 3. Frequency 4. RPM 5. Run Hour
Power Input	240 VAC +/- 20%	
Measuring Range	Input Rated Voltage	11 to 300VAC(L-N) 19 to 519VAC(L-L)
	Input Rated Current	Nominal 5A AC
	CT Primary	5A to 10kA
	CT Secondary	5A
	PT Primary PT Secondary	100V to 500kV 100 to 500V AC(L-L)
Electrical Connections	3Ø-4W, 3Ø-3W, 2Ø-3W, 1Ø-2W	
Resolution	1. Energy – 0.01k, 0.1k, 0.01M, .01M, 1M (Depending upon CT ratio and PT ratio) 2. Current, Voltage, Power - Auto Resolution 3. Power Factor – 0.001	1. Current /Voltage - 0.1 2. RPM – 0.1 3. Run Hr – 0.1hr
Accuracy	1. Voltage & Current- ±0.5% of Range 2. Frequency- ±0.15% of mid Frequency 3. Power(Active, Reactive, Apparant- ±0.5% of Range) 4. Energy((Active, Reactive, Apparant- ±0.5% 5. Power Factor- ±0.5% of unity	1. Voltage - ±0.5% of F.S. ± 2 digits 2. Current & Average Current - ±1% of of F.S. ± 2 digits 3. Frequency - ±0.1Hz ± 1 digit 4. Run Hour - ±1% 5. RPM - ±0.5%
Display	Customized Display	
Mounting Type	Panel Mount	
Housing	Back Cover : ABS Plastic Front Cover : Polycarbonate	
Communication	RS485	