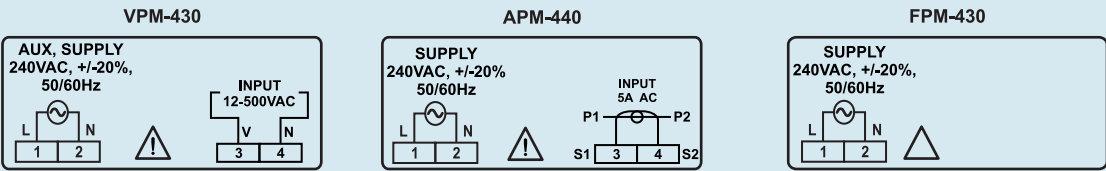


DIGITAL PANEL METER



	VPM-430	APM-440	FPM-430
Functions	Digital voltmeter	Digital Ammeter	Digital Frequency Meter
Measurement Type	True RMS Voltage	True RMS Current	Frequency
Measuring Range	12 to 500 VAC	CT Primary : 5 to 9000 A (Programmable in Steps) CT Secondary : 5A Fixed	40 to 65 Hz
Mounting Type	Panel		
Connections	Terminal Connectors		
Display	3 x 14.2mm, 7 segment White display	4 x 14.2mm, 7 segment White display	3 x 14.2mm, 7 segment White display
Power Input	240 VAC +/- 20%, 50/60Hz	240 VAC +/- 20%, 50/60Hz	240 VAC +/- 20%, 50/60Hz
Input Type	AC Voltage input	AC Current input	Frequency Signal (AC type)
Resolution	1 V	0.001 A / 0.01 A / 0.1 A / 1 A (Depending Upon CTR)	0.1 Hz
Accuracy	+/- 0.4 % of Full Scale Over rated range	+/- 0.1 % of Full Scale	+/- 0.3 Hz
Housing	Back Cover : ABS Plastic Front Cover : Polycarbonate		
Colour	Back Cover : Black Front Cover : Smoke grey		

► Terminal Connection



MFM & VAF



	MFM	VAF
Functions	Digital Multi Function Meter	Digital Voltage Current Frequency 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	100V to 500kV
	PT Secondary	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 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	