



Technical Specification: 1- PHASE POWER FACTOR METER

Model	TMCB-032
Display Parameters & Range	Power Factor measurement at, Voltage range from 40V – 300Vac Current range from 0.25A to 6A (Direct operated) OR (10% - 120% of CT Ratio) Frequency range from 45Hz – 65Hz Power Factor range from 0.2 Lag – Unity – 0.2 Lead
Features	<ul style="list-style-type: none"> • True RMS Measurement • One Line 3 digits Display • Lag & Lead LED indication • Bright Seven segment LED display for better readability
Accuracy	Class 1.0 / Class 0.5 (Optional)
Display	One Line Seven Segment display, Size 0.56”
Connection	1-phase, 2 wire
Aux. Supply	170V – 260Vac, 50Hz
Dimension	95mm(H) x 95mm(W) x 84mm(D)

Wiring Diagram:

Digital "P.F." Meter					
1 φ 2w, 6A, 300V, Cos φ = 0.2 to 1.0					
Aux. Supply		40-300V ac Voltage		Current I/P (6A)	
170-260V		N	L	+I (S1)	-I (S2)
50Hz					

Operation Manual:

1. Meter shows Power-Factor (P.F.) as it is switched-ON
2. If there is no signal voltage / no current then the Meter shows “- - - -”.
This means, the P.F. is undefined at such input voltage / current.

