



3 Phase kWh Energy Meter

Model	TMCB-024
Display Parameters	kWh & Average kW - 6 display digits (1 decimal place) Run Hours - 6 display digits (2 decimal place)
Features	<ul style="list-style-type: none"> • Mains kWh LED indication • Calibration LED indication • Reverse LED indication • CT Ratio Programming (CTR values 5, 10, 20, 25, 30, 50, 60, 75, 100, 125, 150, 200, 250, 300, 400, 500, 600, 800, 1000, 1200) • RS485 communication (optional) • Dual kWh (optional) • Bright Seven segment LED display for better readability
Meter Constant	24000 imp / kWh
Accuracy	Class 1.0
CT Selection	Programmable through KeyPad
Connection	3-phase, 4 wire
Aux. Supply	170V – 270Vac, 50Hz
Dimension	96mm(H) x 96mm(W) x 75mm(D)

Operation Manual

1. By default, the meter will show the kWh reading.
2. To display running average kW, press key. The meter will show the running average kW. Press the key once again to view Run Hours. After 20 seconds, the meter to automatically show kWh reading.
3. To change the CT ratio, continuously press key for 10 seconds. Display shows lock code for the meter as “c d – 0 0 0 0”. Press key to increment the blinking digit. Press key to select the next digit. After entering the correct code (default code – 1234), wait for 10 seconds. If the entered code is correct, meter will show the CTR value. If the code is wrong, it will exit the programming mode. Change the CTR value as desired. If the entered CTR is not supported, then the meter will automatically select and display the next higher CTR value from the list. If the user presses key when “CT” is blinking, then meter displays the current Code. User can change the lock code, if so desired.
Wait for 10 seconds. Meter will store the current CTR value & the Lock Code and will exit the Programming Mode.

Wiring Diagram

1	2	3	4	5	6	7	8
				N	B	Y	R
INPUT VOLTAGE (AC)							
Aux. Supply 170-260V 50Hz		CT- B(PH)		CT- Y(PH)		CT- R(PH)	
		S1	S2	S1	S2	S1	S2
9	10	11	12	13	14	15	16

