

# Techno<sup>®</sup> SINCE 1988

METERS & ELECTRONICS  
COIMBATORE - INDIA

**MFRS: ENERGY METERS AND MEASURING INSTRUMENTS**



30+ YEARS IN THE ENERGY  
METERING BUSINESS



PRODUCT VERSATILITY TO  
—100+ & COUNTING



2600+ GROWING &  
HAPPY DEALERS



12 MILLION PRODUCTS  
IN THE FIELD



TAILOR-MADE  
SOLUTION



FOOTPRINTS IN 3+  
COUNTRIES



[www.technometers.in](http://www.technometers.in)



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## RANGE OF SINGLE PHASE ENERGY METERS

Ac Single Phase two wire Class: 1.0, 50 Hz, 240 V | Current Rating: 2.5-10A, 5-20A, 5-30A, 10-40A, 10-60A | Applicable: IS 13779



- kWh
- kW
- Volt
- Amps
- Hz
- PF

**TMCB 001M**



**TMCB 002**



- kWh
- kW
- Volt
- Amps
- Hz
- PF

**TMCB 01L**

96 \* 96 MM



**TMCB 009 WITHOUT MCB**



**TMCB 008 WITH MCB**

**READY TO INSTALL  
ENERGY METER KIT**



## RANGE OF THREE PHASE ELECTRONIC ENERGY METERS

AC Three Phase four wire Electronic energy meter | Class: 1.0, 50Hz | Voltage: 3x240V AC | Current Rating: 5-20A, 10-40A, 10-60A, 10-80A, 10-100A, -/5A(CT operated) | Parameters: On Request | Applicable: IS 13779



**TMCB 013M  
WITH MULTI  
FUNCTIONAL LCD**



**TMCB 006  
WITH MULTI  
COUNTER DISPLAY**



**ENERGY METER  
WITH POLY-CARBONATE  
ENCLOSURE BOX**

## SINGLE PHASE & THREE PHASE CUSTOMISED ENERGY METERS

### OPTIONAL FEATURES:

- WITH RS485 Communication Port (MODBUS)
- 232 PORT
- LoRAWAN Enable
- Dual Source
- Direct or CT-Operated
- ON/OFF Relay
- Import/Export/Bi-directional (Solar Net)

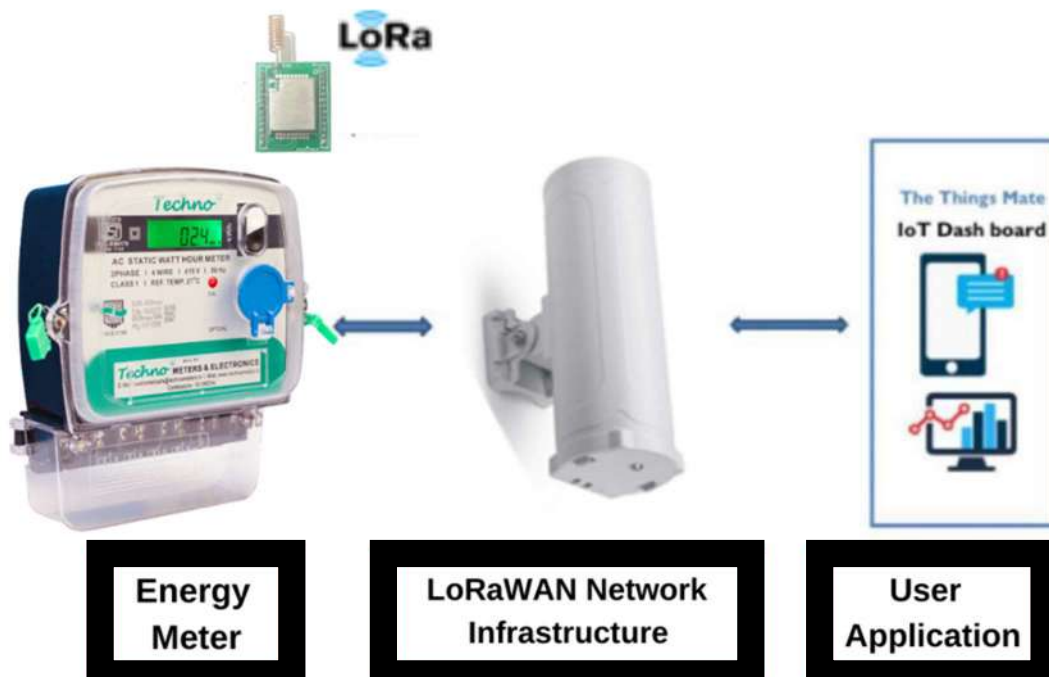


**TMCB 013 (CUSTOMISED)**



**TMCB 012 (CUSTOMISED)**

## LoRa SMART COMMUNICATION ENERGY METERING SYSTEM





# RANGE OF DIGITAL VIF PANEL METERS

## TMCB 021



### THREE PHASE PROGRAMMABLE DIGITAL VIF METER

- Display Parameters
- 3 Phase Voltage | 3 Phase Current | Frequency | RPM | Run Hour
- Accuracy Class: 1.0
- CT Selection: Programmable through Keypad
- Dimension: 96mm (H) x 96mm (W) x 75mm (D)

### PROGRAMMABLE DIGITAL 3 PHASE/1 PHASE VIF WITH RELAY

- Display Parameters & Fault /Settings
- Voltage - Current - Frequency - On Hour- Run Hour
- Accuracy Class: 1.0
- Display: Three Line Seven Segment display, Size 0.56 Three Phase four wire
- Dimension: 96mm(H) x 96mm(W) x 75mm(D)

## TMCB 030/31



## TMCB 029



### THREE PHASE PROGRAMMABLE DIGITAL POWER ANALYZER

- Display Parameters : Voltage - Current - Frequency - PF - kW - kVA - kVAR
- Energy: kWh, KVAh, kVAh - Run Hour - On Hour
- Accuracy Class: 1.0/Class 0.5(Optional) Three Phase Four wire Reference
- CT Selection: Programmable through Keypad
- Dimension: 96mm(H) x 96mm(W) x 75mm(D)
- Optional Feature: RS485 communication or Dual source.

### SINGLE PHASE PROGRAMMABLE DIGITAL VIF METER

- Display Parameters
- Voltage - Current - Frequency (Single line display)
- Accuracy Class: 1.0 Single Phase two wire
- CT Selection: Programmable through Keypad
- Dimension: 96mm (H) x 96mm (W) x 75mm (D)

## TMCB 022



## TMCB 010



### 3 PHASE PANEL MOUNTING MULTIFUNCTIONAL METER

- Display Parameters : Voltage - Current - Frequency - PF - kW - kVA - kVAR
- Energy: kWh, KVAh, kVAh - Run Hour - On Hour
- Accuracy Class: 1.0/Class 0.5(Optional) Three Phase Four wire Reference
- CT Selection: Programmable through Keypad
- Dimension: 96mm(H) x 96mm(W) x 75mm(D)
- Optional Feature: RS485 communication or Dual

## TMCB 011



## TMCB 5300



### THREE PHASE KWH VIF GEN-DOUS PANEL METER

- Star(Wye)/Delta/1 Phase Programming
- PT Ratio/CT ratio Programmable
- Universal Auxillary(80-300VAC/DC) Supply
- Universal Voltage Output(80-550VAC) and Current Secondary (0.6-6A)
- 6 digit mechanicals counter for better readability (kWH)
- 1 Row 4 Digit display readability
- Parameters (VLL, VLN, A, F) and ON Hour
- Auto scanning of Kilo, mega, giga, and decimal point

# SINGLE PHASE MULTIFUNCTIONAL PANEL METER

## TMCB 014S



96 X 96MM

### 1 PHASE PROGRAMMABLE DIGITAL ANALYZER

- True RMS Measurement.
- One Line 4 digits Display for above parameters. CT Ratio Programming (Range: 5/5 to 9000/5). Auto scrolling & manual mode selectable.
- Auto decimal shifting for current (from 0.01 to 9999). Bright Seven segment LED display for better readability.
- \*RS485 communication (On Request).

## TMCB 014M



## CONTROL AND MEASUREMENT

## TMCB 049



### THREE PHASE MAXIMUM DEMAND CONTROLLER

- Any combination of V/I/F/Kw/Pf/Kwh
- Field programmable CT ratio
- Tripping on over Volt ,Amp,HZ,Kw,Kva

## WATT METER AND POWER FACTOR METERS

## TMCB 032



### DIGITAL POWER FACTOR (COS) METER

- Accuracy Class: 1.0/Class 0.5 (Optional) Single Phase two wire
- Supply: 170V – 260Vac, 50Hz
- Display: One Line Seven Segment display, Size 0.56
- Dimension: 95mm (H) x 95mm (W) x 84mm (D)

### PROGRAMMABLE DIGITAL WATT METER

- Class: 1.0/ Class 0.5(Optional) Single Phase two wire Supply: 170V – 260Vac, 50Hz
- Display: One Line Seven Segment display, Size 0.56
- Display Parameters: Wattage CT Selection: Programmable through Dimension: 95mm (H) x 95mm (W) x 84mm (D)

## TMCB 033



## TMCB 032-3P



### THREE PHASE PROGRAMMABLE DIGITAL POWER FACTOR METER

- True RMS Measurement
- 4 Digits display
- Auto scrolling & manual mode selectable
- Bright Seven segment LED display for better readability

### THREE PHASE PROGRAMMABLE DIGITAL WATT METER

- 4 Digits display
- CT Ratio Programming (Range: 5/5 to 9000/5)
- Auto scrolling & Manual mode selectable
- Auto decimal shifting for kW (from 0.1 to 1)
- '-' LED indication for negative kW 'k' LED indication for 'x1000'
- Bright Seven segment LED display for better readability

## TMCB 033-3P



## RANGE OF DIGITAL VOLT AMPS METER

### TMCB 036



65 X 65MM

#### DIGITAL VOLT AMPS METER 965 X 65MM)

- Digital panel mount single line volt amps meter
- Dimension: 65\*65mm

### TMCB 037 WALL MOUNT WITH 100 AMP CT



#### Digital Volt Amps Meter (2 LINE DISPLAY)

- Display parameters - volt and Amps 2 Line display Digital Panel Meter (72\*72\*35mm)
- System Supply Voltage : 230 Vac, 50 Hz
- System Voltage Range : 80-500 Vac
- Current Range : Upto 40A

### TMCB 037



96 X 96MM

#### DIGITAL VOLT AMPS METER

- Display parameters - volt and Amps 2 Line display Digital Panel Meter
- System Supply Voltage : 230 Vac, 50 Hz
- System Voltage Range : 80-500 Vac
- Current Range : Upto 40A

### TMCB 038



### TMCB 039



#### DC VOLT AMPS METER (72 X 72MM)

- DC Panel mounting volt amps meter with 2 line display
- Dimension: 72 X 72mm

#### Digital Volt Amps Meter (2 LINE DISPLAY)

- Display parameters - volt and Amps 2 Line display Digital Panel Meter (72\*72\*35mm)
- System Supply Voltage : 230 Vac, 50 Hz
- System Voltage Range : 80-500 Vac
- Current Range : Upto 40A

### TMCB 040



72 X 72MM

### TMCB 041 VOLT METER



72 X 72MM

#### DIGITAL PANEL METER METER

- Dimension: (72\*72\*35mm)
- Application: Submersible pump control panel.
- System Supply Voltage : 230 Vac, 50 Hz
- Current Range : Upto 40A

### TMCB 042 AMPS METER



72 X 72MM

### TMCB 043



72 X 72MM

### DIGITAL VOLT AMP METER (SINGLE LINE)

- Digital volt amp meter (single line)
- Application : submersible pump control panel
- Dimension :72\*72\*35mm
- Bright seven segment led display for better readability
- System supply voltage: 230 vac , 50 hz
- Supply voltage range: 80-500 vac
- Current range : up to 40a

### DIGITAL VOLT AMP METER (SINGLE LINE)

- DIGITAL VOLT AMP METER (SINGLE LINE)
- APPLICATION : SUBMERSIBLE PUMP CONTROL PANEL
- DIMENSION :62\*35MM
- BRIGHT SEVEN SIGMENT LED DISPLAYFOR BETTER READABILITY
- SYSTEM SUPPLY VOLTAGE: 230 VAC , 50 HZ
- SUPPLY VOLTAGE RANGE: 80-500 VAC
- CURRENT RANGE : UP TO 40A

### TMCB 046



### TMCB 047



### DIGITAL VOLT AMPS METER

- Display parameters - volt and Amps 2 Line display
- System Supply Voltage : 230 Vac, 50 Hz
- System Voltage Range : 80-500 Vac
- Current Range : Upto 40A

### DIGITAL PANEL MOUNT VOLT AMPS METER WITH HOUR AND MINTUE

- DIGITAL PANEL MOUNT VOLT AMPS HOUR MIN METER
- Dimension: 72 x 72mm X 35mm
- System supply voltage : 230 VAC , 50HZ
- SUPPLY VOLTAGE : 80-500 VAC
- CURRENT RANGE: 40 AMPS
- HOUR MIN: 1 MIN - 999 HOURS

### TMCB 048



72 X 72MM

## COMPACT PANEL BOX SUITABLE FOR 96 X96MM PANEL METER

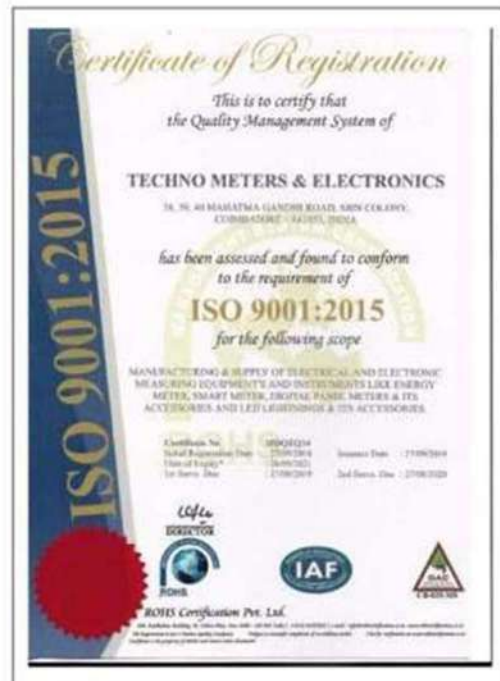




# CERTIFICATIONS



IS 13779



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