

多功能電力錶 MICROPROCESS POWER METER (Max. 50A)



PWH system KWH, KW (Max.50A)
PTH system KWH, KW, V, A (Max.50A)

Features

- Max. display 8 digits (KWH)
Max. display 4 digits can change
- Voltage, Current or Watt
- Current Max. 50A
- RS-485 interface (Option)
- Pulse output (Option)
- DIN Case 144 x 144mm

Specifications

Display : 8 digits LED 0.56" high (KWH)
4 digits LED 0.56" high (V, A, KW)

Parameter setting : Touch switches

Memory : NV RAM

Accuracy : ±0.5% FS. ±2 digits

Operating Temp. : 0~50°C/ Below 80%R.H.

Storage Temp. : -10~60°C/ Below 70% R.H.

Power Supply : AC 90~260V, 50/60Hz
Option : DC 24, 48, 120V ±20%

Power Consumption : Approx. 8VA

Weight : Approx. 650g

Dielectric Strength : AC 2000V/1min (Input/Power)

Insulation Resistance : More than 100MΩ at 500VDC

Dimensions : 144(W) × 144(H) × 120(D)mm

Input

Circuit	AC Input			Max. Reading (KWH)
1 φ 2 W	Voltage	Current	Freq.	9999999.9 99999999
1 φ 3 W				
3 φ 3 W	240V	50A	60Hz	
3 φ 4 W	480V			

Burden : Voltage ≤ 0.1VA
Current ≤ 0.2VA

Max. over : Voltage → AC 650V continuous
Current → 2 × rated continuous

Frequency : 45~65Hz

Output

Pulse output (option)

Output : Open collector (Standard) or Reed Relay
2K Count / 1Pulse

RS-485 Interface (option)

Address : 1 ~ FF
Baudrate : 19200, 9600, 4800, 2400
Frame : N.8.2, E.8.1, O.8.1, N.8.1
Protocol : Modbus RTU Mode

Order Code

PWH, PTH — [] [] [] [] [] []

Connection

- 12 : 1 phase 2 wire
- 13 : 1 phase 3 wire
- 33 : 3 phase 3 wire
- 34 : 3 phase 4 wire

Input

- 1 : AC 120V, 50A A : AC 120V, 30A
- 2 : AC 240V, 50A B : AC 240V, 30A
- 3 : AC 480V, 50A C : AC 480V, 30A
- Y : Option

Input Freq.

- 1 : 50Hz
- 2 : 60Hz
- Y : Option

Power Supply

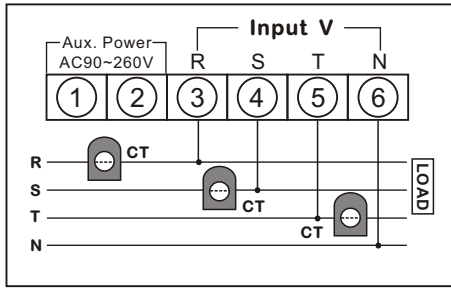
- 1 : AC 90~260V, 50/60Hz
- 2 : DC 24V
- 3 : DC 120V

Interface

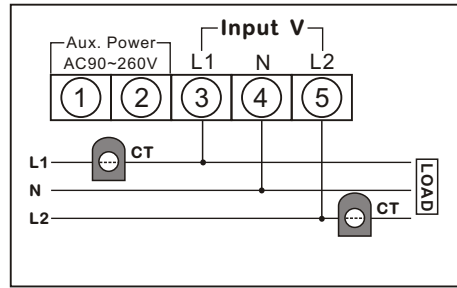
- 1 : RS-485
- 2 : RS-485 + Pulse (2K Pulse/KWH)
- N : None

■ Connection Diagram

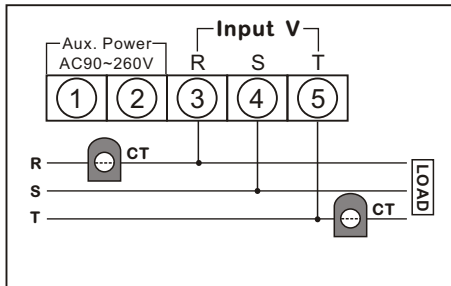
3 φ 4W



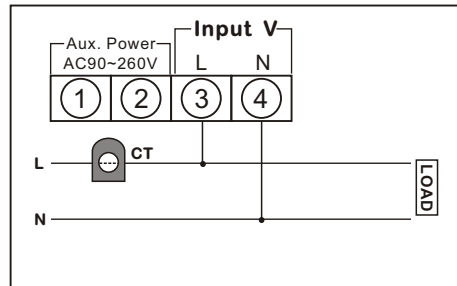
1 φ 3W



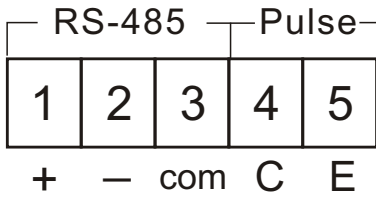
3 φ 3W



1 φ 2W

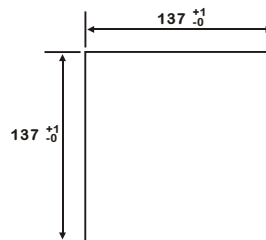


■ Output



■ Dimensions (mm)

Cut out (mm)



Dimension (mm)

