



V30 & A30 series 96x96mm.

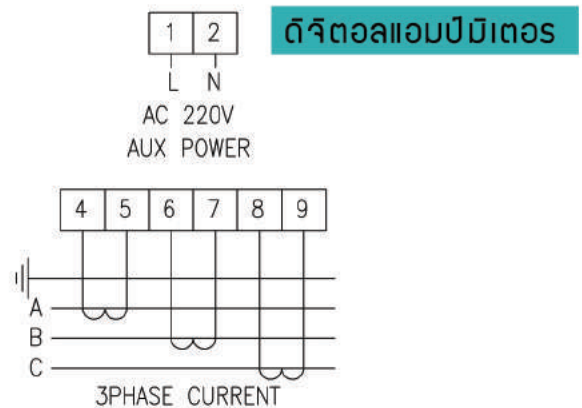
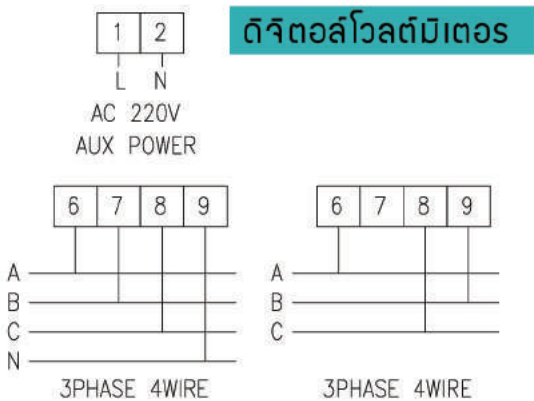
Digital Voltmeter V30

ดิจิทัลโวลต์มิเตอร์ 3เฟส
ไม่ต้องใช้ซีเรกเตอร์สวิตช์

Digital Ammeter A30

ดิจิทัลแอมป์มิเตอร์ 3เฟส
ไม่ต้องใช้ซีเรกเตอร์สวิตช์

Diagram



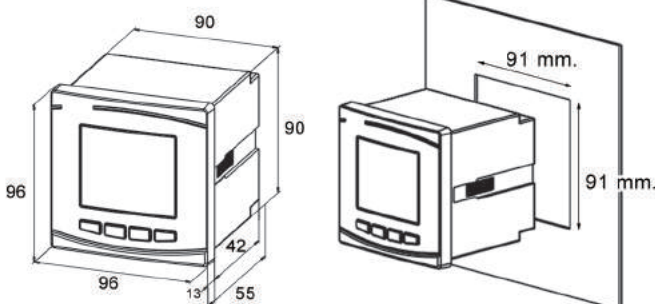
V30 Voltage Parameter

0-450V

A30 Amp Parameter

CT 0-9999/5A or Direct 1-5A

Meter Dimension (mm.)



ขนาดช่องเจาะ

Accuracy Class 0.5

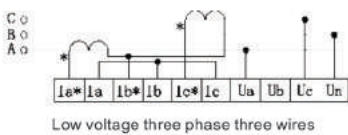
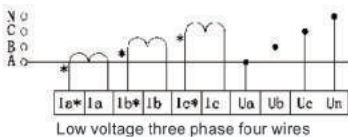
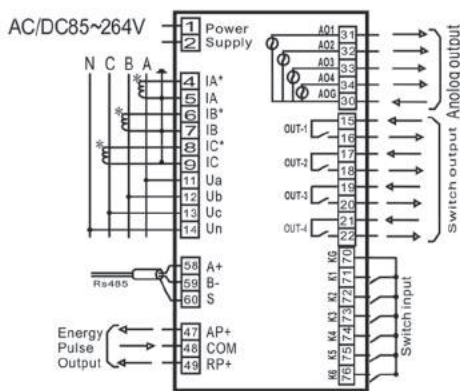
Input: Single phase, 3Phase 4W & 3Phase 3W
Voltage range: AC400V/100V
Current range: AC5A/1A
Display: LED

M30 series 96x96mm.

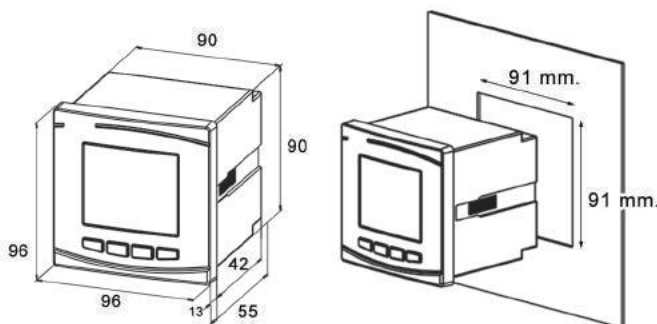
M30 multi-function digital display power meter is designed for the application of electric power monitoring, intelligent control, measurement and assessment, such as electric power system, industrial and mining enterprises, public facilities, intelligent buildings and so on. Equipped with high-precision, high-reliability and cost-effective. It can measure all power parameters intelligently in a three-phase network, such as three-phase voltage (phase/line), three-phase current, active power, reactive power, power factor, grid frequency, four-quadrant energy metering, with standard energy pulse output and RS 485 communication interface for remote transmission.



Diagram



Meter Dimension (mm.)



ขนาดช่องเจาะ

Measuring Parameters

- Voltage L-L (V)
- Voltage L-N (V)
- Current (A)
- Active Power (W)
- Reactive Power (var)
- Apparent Power (VA)
- Power Factor (PF.)
- Frequency (Hz)
- Active energy (Wh)
- Reactive energy (varh)

Communication

- Rs 485 communication, physical layer isolation
- Modbus-RTU communication protocol
- Communication baud rate 4800 - 9600,
- Verification mode: N 81, E 81, O 81

Accuracy Class

- Voltage & Current 0.5%
- Active Power 0.5%
- Reactive Power 1%
- Transmission output 0.5%

Input: 3Phase 4W & 3Phase 3W
Voltage range: AC400V/100V
Current range: AC5A/1A
Communication: RS485
Relay output: Programable remote/alarm
Display: LCD
Standard comply: EN 61000-3-3: 2013

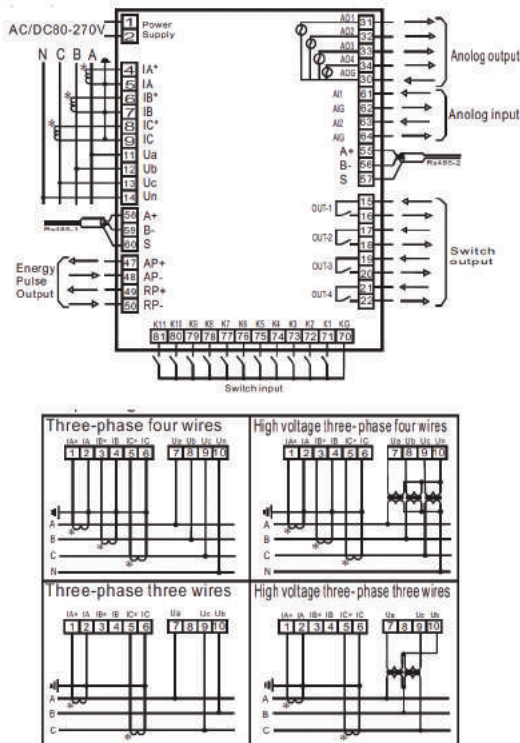
M30HM series 96x96mm.

Liquid crystal multi-function harmonic meter are designed to measure many electric parameters such as U, I, P, Q, S, PF, F and so on in 3 phase power grid, and carry out demand statistics. They also have the functions such as harmonic ratio, communication interfaces, analog output, relay output, switch input, energy pulse output and so on. It is a very high competitive meter, can direct replace of normal measuring instrument power meter, harmonic meter and relevant auxiliary unit.



HARMONIC measuring

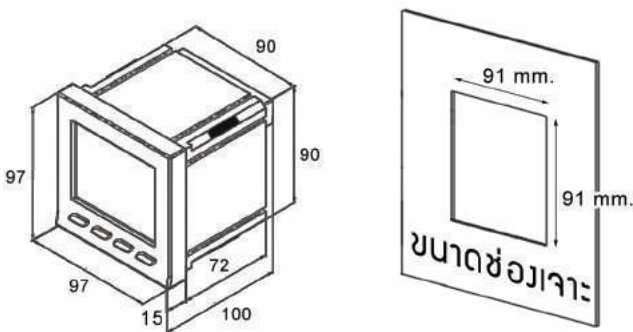
Diagram



Measuring Parameters

- Voltage L-L (V)
- Voltage L-N (V)
- Average voltage (V)
- Current (A)
- Average current (A)
- Active Power (W)
- Total active power (W)
- Reactive Power (var)
- Total reactive Power (var)
- Apparent Power (VA)
- Total apparent Power (VA)
- Power Factor (PF.)
- Frequency (Hz)
- Active energy (Wh)
- Reactive energy (varh)
- Date & Time of Demand
- Voltage & Current unbalance (V, A)
- Harmonic THDV, THDI (V, A)

Meter Dimension (mm.)



Communication

Rs 485 communication, physical layer isolation
Modbus-RTU communication protocol
Communication baud rate 4800 - 9600,
Verification mode: N 81, E 81, O 81

Accuracy Class

- Voltage & Current 0.5%
- Active Power 0.5%
- Reactive Power 1%
- Transmission output 0.5%

Input: 3Phase 4W & 3Phase 3W
Voltage range: AC400V/100V
Current range: AC5A/1A
Communication: RS485
Relay output: Programable remote/alarm
Display: LCD