

### [Features]

- CT/PT connection
- Supports single-phase two-wire, three-phase three-wire, and three-phase four-wire networks.
- Multi-parameter measurement including active energy, reactive energy, active power, reactive power, apparent power, voltage, current, power factor, total harmonic distortion, frequency, demand, etc.
- Alarm settings can correspond to individual power parameters.
- Bidirectional metering.
- Two sets of pulse outputs.
- Includes RS-485 digital output, protocol compliant with Modbus RTU.
- Dual power source measurement.
- LCD display screen for intuitive viewing of real-time data.



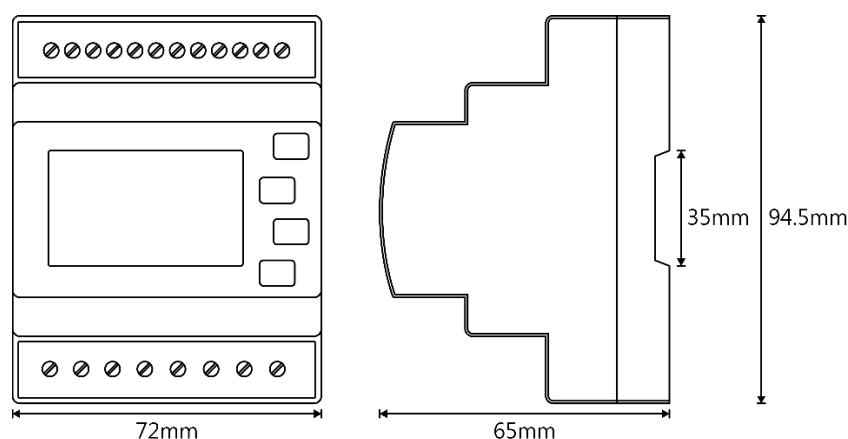
**[Applications]** Application factory, ESG/EMS, etc.

### [Optional Code]

CPM-Code 1-Code 2

| Code 1 | Meter Specifications     | Code 2 | Wiring method                 |
|--------|--------------------------|--------|-------------------------------|
| 100    | ø24mm 100A comparator    | 1P2    | Single phase two wire (1CT)   |
| 200    | ø36mm 200A comparator    | 1P3    | Single-phase three-wire (2CT) |
| 300    | ø36mm 300A comparator    | 3P3    | Three-phase three-wire (2CT)  |
| 500    | ø36mm 500A comparator    | 3P4    | Three-phase four-wire (3CT)   |
| 1000   | ø89.8mm 1000A comparator |        |                               |

### [Size]



## [Specifications]

|                         |                                                              |                         |              |
|-------------------------|--------------------------------------------------------------|-------------------------|--------------|
| Power Supply            | ◆AC input : 85~275VDC    ◆Power consumption : $\leq 2W/10VA$ |                         |              |
| Operating Temperature   | -25~55°C                                                     | Storage Temperature     | -40~70°C     |
| Rate                    | Single tariff                                                |                         |              |
| Rated Voltage           | AC 0~500V                                                    |                         |              |
| AC withstand Voltage    | 4KV for 1 minute                                             | Pulse Withstand Voltage | 6KV-1.2uS    |
| Rated Current           | 5A CT input                                                  |                         |              |
| Working Current         | 0.4%Ib-I <sub>max</sub>                                      |                         |              |
| Short-term Overcurrent  | 20 I <sub>max</sub> for 0.01s                                |                         |              |
| Working Frequency       | 50 or 60HZ                                                   |                         |              |
| Maximum Reading Value   | 9999999.9kWh/kVarh                                           |                         |              |
| Voltage and Current     | 0.5%                                                         | Frequency               | 0.2%         |
| Power Factor            | 0.01                                                         |                         |              |
| Active Power            | $\pm 1\%$                                                    | Reactive power          | $\pm 1\%$    |
| Communication Method    | RS-485 Modbus RTU                                            |                         |              |
| Shell Material          | ABS                                                          |                         |              |
| Installation Method     | Aluminum Rail                                                | Product Size            | 94.5x72×65mm |
| International Standards | IEC62053-21 / EN50470-1/3                                    | Water/Dust Rating       | IP51         |