

Smart Single- phase and three-phase Energy Meters:

Product Range includes the following:

- Electromechanical & Standard Meters
- RFID/Smart Cards & STS Prepaid Meters
- Advanced Payment Meters
- Smart Grid Meters



Single-phase energy meter

Key Features

1. Live and Neutral Measurement.
2. No bulky CT's, removing the DC sensitivity that this sensor type suffers.
3. Live and Neutral Relay.
4. Allows pre-payment systems as well as protection implementations.
5. Flexible design allows several Add-Ons to be configurable upon customer request.
6. All kind of Add-On is needed.
7. PLC / GPRS / RF/ Zigbee / KNX
8. Ernal Load Control.
9. 5. LCD Backlight.
10. Cover Open Sensors- independent and working even if meter not powered.
11. Main Cover Open Sensor. Terminal Cover Open Sensor.
12. Anti – Tampering Measuring Features and visible indication.
13. Ultra Flexible TOU structure with multiple table entries.

Specification

- Recurrent Special Days.
- One Time Special Day.
- Technical Features
- Nominal Voltage: 230V (Min 170V Max 264V).
- Nominal Current: 5A (Max 60). >>> 5A (Max 100)
- Nominal Frequency: 50Hz (Min 46Hz).
- Connection Type: 2 Wires.
- Accuracy Class: Class 0.5/1/2.
- Temperature Range: Min- 20C Max + 70C.
- Communications: Direct Optical IEC62056-21.

Capabilities

Super capacitor for power failure readout. Possible to be on for 24h continuously.
RTC battery (in case TOU implemented) for Meter lifetime (not less than 15years)
possible Rechargeable Battery use for full Power failure meter functionality.

Extras

Communications: External PLC; External GPRS; External RS485. Load CONTROL:
External Load Control UNIT.

Single Phase Energy Meter Product List:

- Digital Single Phase Meter
- Digital Single Phase Prepaid Meter

Digital Single Phase Meter



Digital Single Phase Prepaid Meter



Three-phase energy meter

Key Features

1. Live and Neutral Measurement.
2. No bulky CT's, removing the DC sensitivity that this sensor type suffers.
3. Live and Neutral Relay.
4. Allows pre-payment systems as well as protection implementations.
5. Flexible design allows several Add-Ons to be configurable upon customer request.
6. All kind of Add-On is needed.
7. PLC / GPRS / RF/ Zigbee / KNX
8. Earnal Load Control.
9. 5. LCD Backlight.
10. Cover Open Sensors- independent and working even if meter not powered
11. Main Cover Open Sensor. Terminal Cover Open Sensor.
12. Anti – Tampering Measuring Features and visible indication.
13. Ultra Flexible TOU structure with multiple table entries.

Specification

- Recurrent Special Days.
- One Time Special Day.
- Technical Features
- Nominal Voltage: 3×220/380V, 3×230/400V
- Nominal Current: 5A (Max 100)
- Nominal Frequency: 50Hz (Min 46Hz).
- Connection Type: Star 3-Wire and 4-Wire
- Accuracy Class: Class 0.5/1/2.
- Temperature Range: Min- 20C Max + 70C.
- Communications: Direct Optical IEC62056-21.

Capabilities

Super capacitor for power failure readout. Possible to be on for 24h continuously.
RTC battery (in case TOU implemented) for Meter lifetime (not less than 15years)
possible Rechargeable Battery use for full Power failure meter functionality.

Extras

Communications: External PLC; External GPRS; External RS485. Load CONTROL:
External Load Control UNIT.

Three Phase Energy Meter Product List:

- Digital KWh Three Phase Meter
- Digital Three Phase Multifunction Meter
- Digital Three Phase KWh Prepaid Meter
- Digital Three Phase Multifunction Prepaid Meter

Digital KWh Three Phase Meter



Digital Three Phase Multifunction Meter



Digital Three Phase KWh Prepaid Meter



Digital Three Phase Multifunction Prepaid Meter

