DAE DDM730P

RS485, 120/240V kWh Meter, 100A, 1P3W (2 hot wire, 1 neutral), Pass Through

[Specification]

Model	DDM730P
Nominal Current Rating	100 A
Nominal Voltage Rating	120V/240V
Meter Accuracy	Class 1
Operating Frequency	50/60 Hz
Mounting Style	Din Rail Mounting
Color	White
Display	6 digits register counter, LCD Backlight
Meter Type	Electronic

[Feature]
- DAE DDM730P, With RS485 communication, 120V/240V kWh Meter, 100 Amp, Internal CT, hot wire pass through, 1 Phase 3 wire (2 hot wire and 1 neutral), 60Hz or 50Hz
- Conforms to International Standard IEC62053-21 and IEC62052-11
- Pulse output: 800 pulses per kWh
- RS485 Communication, Modbus/RTU protocol, Format: 8/n/1, Address: 1~254 (default: last 2 digits of serial number), Baud rates: 9600 bps
- If the hot wire diameter which passes through the meter is under 0.2 inch, please insert the wire into the tubes (attached with the meter) first and then pass through the meter. If the hot wire diameter is more than 0.2 inch, please pass the wire through the meter directly without using the tubes. The hole diameter on the meter is 0.45 inch. Measure your wire to be sure it is less than 0.45 inch in diameter before ordering this meter.
- The dimension of the meter is 3.46 in (88 mm) long, 2.95 in (75 mm) wide and 2.87 in (73 mm) height.
- 1% accuracy, No conversion factor or multiplier needed.
- LCD Display, 99999.9 kWh.
- DIN-rail mount, 1.33mm standard DIN rail installation, complying with standard DIN EN5002.
- Indoor use only, DAE watertight enclosure is available for outdoor use.
- CTs are built inside of the electric meter. It is not necessary to purchase external CTs.
- Non-volatile Memory, the stored data is maintained through power outages.

[Remote Reading Solutions]
- Please refer to 2nd picture. Cloud metering system available with DAE 2030 Gateway. DAE CC2030 gateway will get the energy data from DAE electrical meters and send them to the cloud (DAE server) through Ethernet. With PC, cell phone or tablet, the building owners or property managers will therefore be able to get access to real time data as well as the monthly

kWh consumption and billing reports to their tenants.

● TOU (Time of Use) billing reports are available from the DAE Cloud Metering System.

● Wireless remote reading available with DAE WSC500 RF converters. Factory Calibration Certificates available. DAE Controls LLC is a Minority Business. Please feel free to get the NMSDC Minority Supplier Certificate from DAE Controls Website.

● Indoor use only, DAE B1725 watertight NEMA 4 enclosure is available for outdoor use.
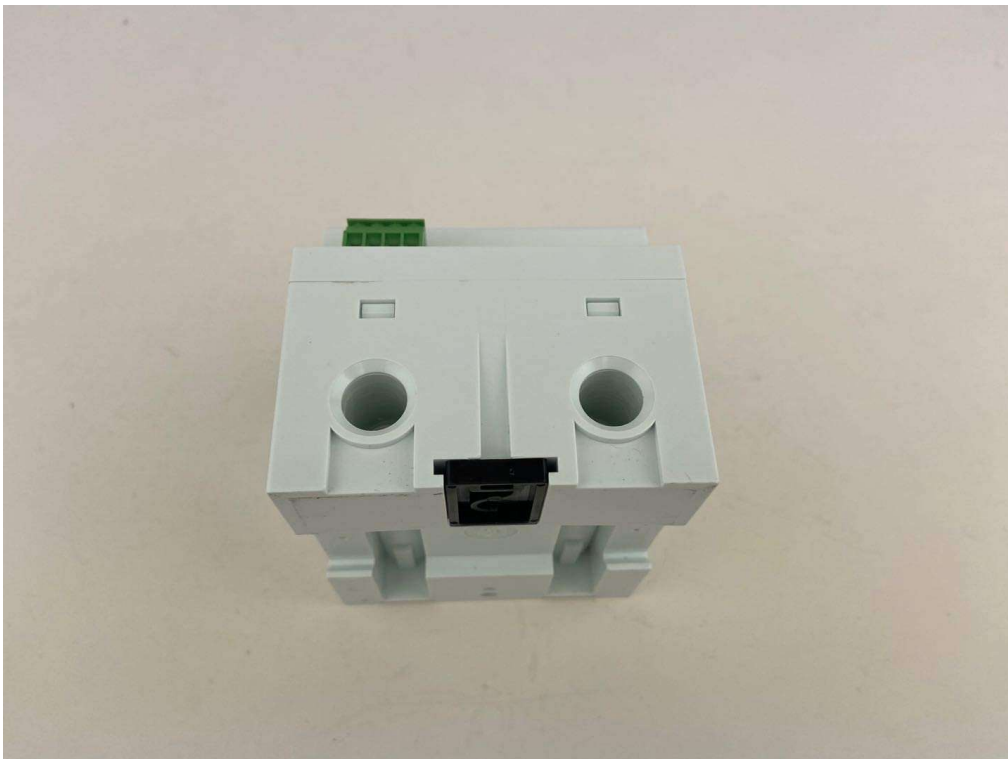

[Picture 1]

[Picture 2]

[Picture 3]

[Picture 4]

[Picture 5]

Wiring Connection For DDM 730P

L1 L2

Circuit
Breaker

N

DDM 730P

Load
AC120V

Load
AC240V

Load
AC120V

L1 L2