

DAE DDM720

240V kWh Meter, 100A, 1P2W(2 hot wire), Internal CT, 60 Hz, Hot Wire Pass Through

[Specification]

Model	DDM720
Nominal Current Rating	100 A
Nominal Voltage Rating	240V
Meter Accuracy	Class 1
Operating Frequency	50/60 Hz
Mounting Style	Din Rail Mounting
Color	White
Display	6 digit register counter, LCD Backlight
Meter Type	Electronic

[Feature]

- DAE DDM720 240V kWh Meter, 100 Amp, Internal CT, hot wire pass through, 1 Phase 2 wire (2 hot wires), 60Hz or 50Hz
- Conforms to International Standard IEC62053-21 and IEC62052-11
- Pulse output: 800 pulses per kWh
- 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.
- Easy to install. The only electrical connections are made by 2 small tap screws which penetrate the wire insulation and pick up the voltage reference and power the meter. Please proceed with the following steps.
 1. Switch off the power
 2. Dis-connect the hot wires (L1, L2) from the two pole breaker. (Usually, the 240V comes from two hot wires)
 3. Insert the hot wires L1 through the L1 hole of DDM720. Insert the hot wires L2 through the L2/N hole of DDM720.
 4. Connect the hot wires (L1, L2) back to the two pole breaker.
 5. Drive down 2 small tap screws, penetrating the hot wire insulation and picking up the voltage reference and powering the meter.
- 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.

- Watertight, weatherproof enclosures available.
- 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.
- Indoor use only, DAE B1725 watertight NEMA 4 enclosure is available for outdoor use.
- If you would like to monitor the whole electrical panel (2 hot wires, 1 neutral) for both 120V circuits and 240V circuits, please choose DDM730 or DDM730P. DDM720 only read the kWh for the 240V circuits from the electric panel. DDM720 will not be able to record the kWh for the 120V circuits from the electrical panel.

Wiring Connection For DDM 720



