

DAE DDM710

120V kWh Meter, 100A, 1P2W(1 hot wire, 1 neutral), Internal CT, 60 Hz, Hot Wire Pass Through

[Specification]

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| Model | DDM710 |
| Nominal Current Rating | 100 A |
| Nominal Voltage Rating | 120V |
| 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 DDM710 120V kWh Meter, 100 Amp, Internal CT, hot wire pass through, 1 Phase 2 wire (1 hot wire and a neutral), 60Hz or 50Hz
- Conforms to International Standard IEC62053-21 and IEC62052-11
- Pulse output: 1600 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. Disconnect the hot wire (L1) from the breaker. Disconnect the neutral wire (N) from the neutral bar.
 3. Insert the hot wires L1 through the L1 hole of DDM710. Insert the neutral wire (N) through the L2/N hole of DDM710.
 4. Connect the hot wire (L1) back to the breaker. Connect the neutral wire (N) back to the neutral bar.
 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.

Wiring Connection For DDM 710



