

## DAE DDM710

**120V kWh Meter, 100 Amp, Internal CT, 60 Hz, Hot Wire Pass Through**

### [Specification]

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 digit 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
- 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 is 88 mm long, 75 mm wide and 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.
- With "Power LED" indication and "Impulse LED" indication.

- Watertight, weatherproof enclosures available.
- Insulation Performance: AC voltage 2KV for 1 minute, impulse voltage 6KV
- There are many advantages to this pass-through design. There is increased safety and reliability. The meter circuitry does not carry the full load (the load is still carried in the native wires), there are no incoming and outgoing lugs (which are prone to failure), no meter-under-glass meter socket required.
- Monitor all circuits in your home, rental, or business. keep tracking kWh usage for sub panels or individual pieces of equipment.
- Non-volatile Memory, the stored data is maintained through power outages

