

Features

- Easy-to-read cycling 4-line by 20-character backlit LCD display:
 - kWh
 - kW (with peak date and time)
 - Power factor
 - Real-time load in kW
 - Amps per phase
 - Volts per phase
- 0-2 volt output split-core current sensors allow for enhanced safety and accurate remote mounting of sensors up to 500 feet from meter without power interruption. (Optional solid-core sensors available.)
- Installation diagnostics and verification system.
- RS-485 communications capability supports up to 52 Class 3000 meters or Interval Data Recorders via 4-conductor cable (up to 4000 feet total 24-26 AWG). Cabling can be "daisy chain," "star" configuration, or a combination thereof.
- Communications Options:
 - Telephone Modem
 - RS-232/RS-485
 - Ethernet
 - ModBus
- Records kWh and kVARh data for two channels. Data stored in 15-minute intervals for up to 36 days or 5-minute intervals for up to 12 days. Maintains the last 36 days of data in a first-in, first-out format.
- External meter input (water, gas, BTU, etc.) on 3rd channel.
- Meter is designed for use on both 3-phase, 3-wire (delta) and 3-phase, 4-wire (wye) circuits.
- Industrial-grade JIC (Joint Industrial Council) enclosure with padlocking hasp and mounting flanges for indoor installation with three 1 1/16" KO (3/4" cond.) on bottom of enclosure.
- UL-listed. Meets or exceeds ANSI C12 national accuracy standards.
- Optional load control/alarm relay (3A, 240V max.) with high and low threshold adjustment.



Dimensions: 9 1/2" H x 6 3/4" W x 3 3/4" D

Model Numbers

120/208-240V, 3-Phase, 4W

- 208100C KIT (100 amp)
- 208200C KIT (200 amp)
- 208400C KIT (400 amp)
- 208800C KIT (800 amp)
- 2081600C KIT (1600 amp)
- 2083200C KIT (3200 amp)

277/480V, 3-Phase, 4W

- 480100C KIT (100 amp)
- 480200C KIT (200 amp)
- 480400C KIT (400 amp)
- 480800C KIT (800 amp)
- 4801600C KIT (1600 amp)
- 4803200C KIT (3200 amp)

Options

- Telephone Modem (Suffix M)
- Ethernet Communications (Suffix E)
- ModBus Communications (Suffix RTU)

To order options, add the specified suffix to the end of the model number (e.g., 480100CM KIT).

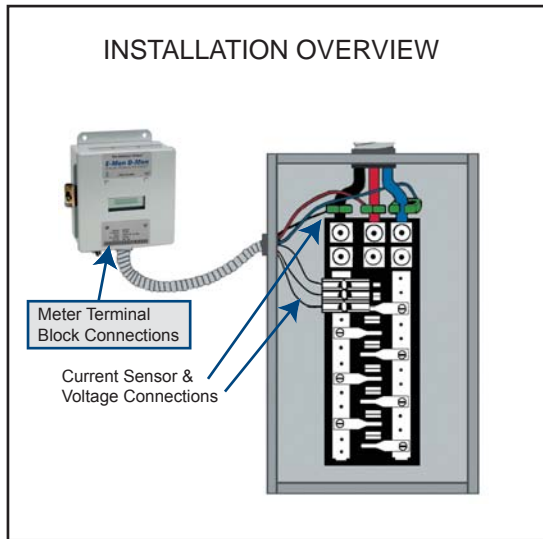
NOTE: All meter kits include one set of three (3) split-core current sensors.

NOTE: All meters supplied for 3-phase delta or wye configuration. Refer to installation manual for wiring instructions. Contact factory for single-phase applications.

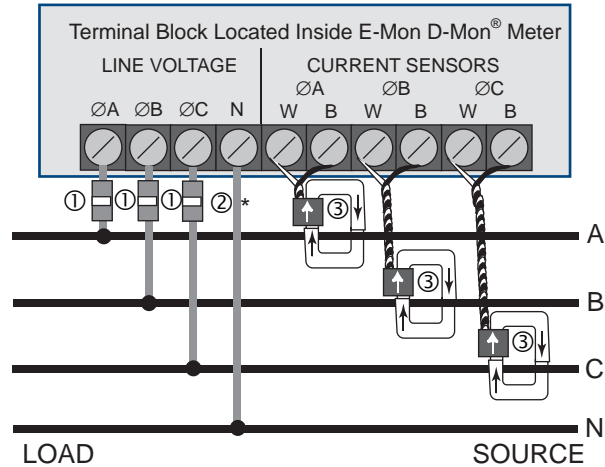
INSTALLATION OVERVIEW

CLASS 1000, CLASS 2000 & CLASS 3000 METERS

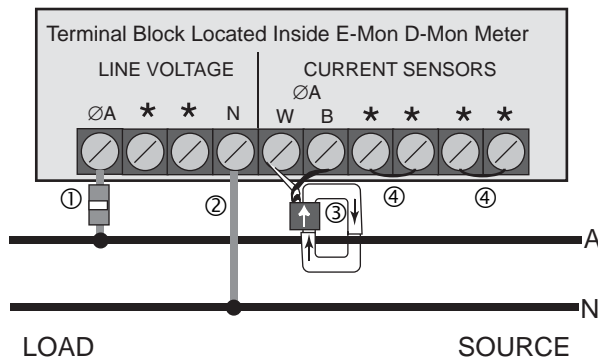
E-Mon D-Mon[®]
A HUNT POWER PRODUCT



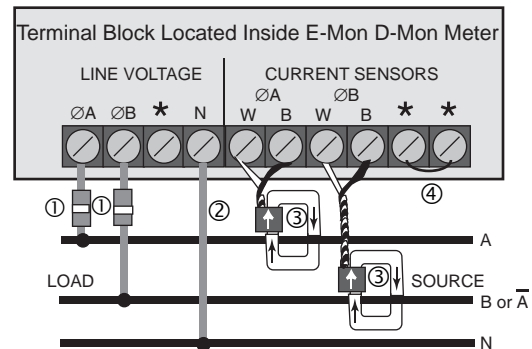
3-PHASE, 3-WIRE OR 3-PHASE, 4-WIRE
INSTALLATION DIAGRAM



1-PHASE, 2-WIRE 120 or 277 VOLT
INSTALLATION DIAGRAM
(Class 1000 Series Only)



SINGLE-PHASE, 3-WIRE
120/240, 120/208 or 480 VOLT
INSTALLATION DIAGRAM



* These terminals are not used in Class 1000 installations.

- ① Recommended fuses or circuit breaker per the National Electrical Code (Meter load 6VA.)
- *② Neutral not required in delta system.
- ③ Split-core current sensors. Install according to instructions.
- ④ Install jumper.

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Effective Date 10/1/2005