

Series 3000 Meter

Features

Available with indoor or outdoor (shown) enclosure for the same low price.

Measures kWh, Demand, Instantaneous power, volts, amps, watts, VAR, and VA per phase. These meters conform to all applicable standards of ANSI C12.1 and ANSI C12.20 (0.5) Codes for Electricity Metering.

Equipped with an RS-485 two-way serial data port that supports optional IP module, Modbus and BACnet protocols, and thus can be tied in to most building and energy management systems.

Time-stamped and data logged meter readings, which are displayed at the meter and can be accessed remotely via the serial port. An onboard real time clock is battery backed up in the event of a power failure, and can be synchronized remotely.

Utilize 0.3 accuracy class, 0.1A secondary current transformers (CTs) that conform to all applicable ANSI requirements.

UL Listing Pending to Standards for Energy Usage Monitoring Systems, file FTRZ.E124377, or Power Circuit and Motor Mounted Apparatus, file NMTR.E124377. Solid-Core CTs or Split-Core CT's available.

IMS recommends solid core transformers (CT's) for revenue grade billing. Our 100A & 200A color coded CT's (to the right) assist with correct installation by indicating phase monitored. Split core CT's (to the right) are also available upon request for applications where power cannot interrupted during installation. Our 100A, 200A, and 400A split core models offer a 1% accuracy.



Indoor Model



Outdoor Model



Solid Core CT's



Split Core CT

Integrated Metering Systems, Inc.

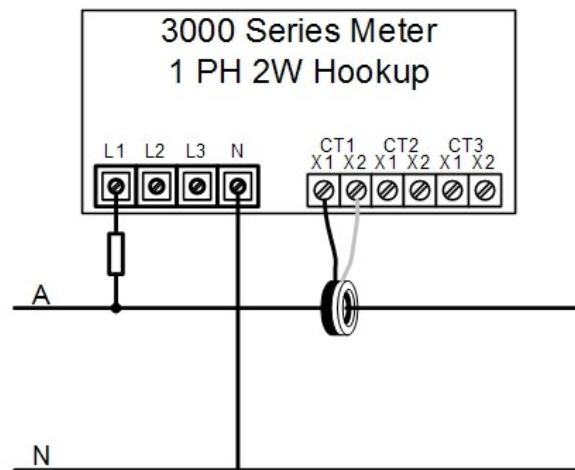
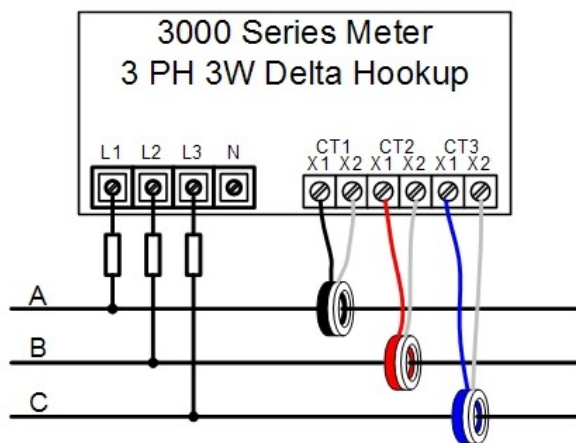
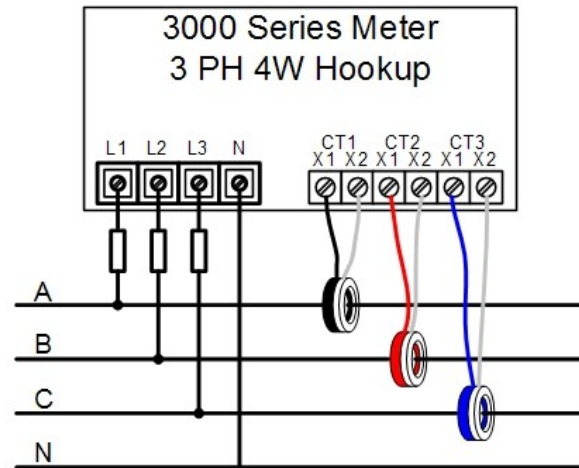
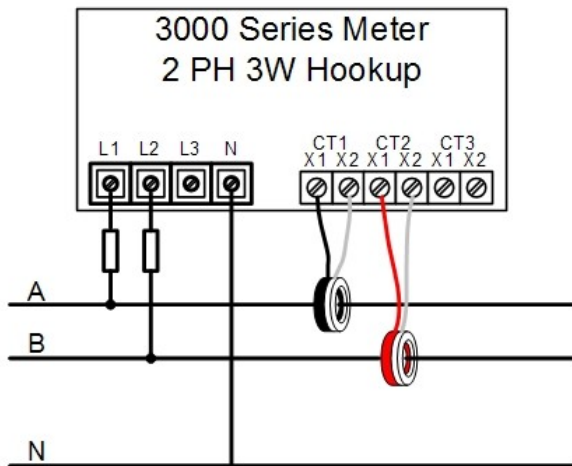
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3000 Series

Hookup Diagrams



Technical Specification