Quick Start Installation Guide
Series 3000 Meter Wiring Detail

Observe Proper Phase Wiring
Phase A CT & Line 1 Voltage Match
Phase B CT & Line 2 Voltage Match
Phase C CT & Line 3 Voltage Match

Reverse Phase Indicator
Phase Indicator will flash ON and OFF when phasing is incorrect. See Series 3000 Manual for complete information on display screens.

Current Transformer (CT) Wiring
Colored Wire to X1
White Wire to X2

*Use appropriate wire gauge based on breaker rating.

15A 3-Pole Circuit Breaker*
Reference Voltage Connections*
Meter Power:
3PH 4W WYE Line 2 & Neutral
3PH 3W Delta - Line 1 & Line 2

Load Center
CT1 H1
CT2 H1
CT3 H1

H1 or Label Must Face Source (Line)

Screen Number Main Numerical Display
Energy Flow Phase Indicator Display Indicator

Neutral Bus

CT Phase Placement
Phase
A
B
C

CT1 CT2 CT3

L1 L2 L3 N
In accordance with NEC, CTs may not be installed in any panel board where they exceed 75% of the wiring space of any cross-sectional area.

Variations and Installation of Current Transformers (CTs)
To reduce the risk of electric shock, always open or disconnect the circuit from the power distribution system of a building before installing or servicing current transformers.

In accordance with NEC, CTs may not be installed in any panel board where they exceed 75% of the wiring space of any cross-sectional area.

Step 1
Mount CTs per NEC Code

Step 2
Install Leviton Split Core or Solid Core CTs

Step 3
Connect Meter to 15A 3-Pole Breaker or Inline Fuses

Load Center

Installation Notes
These instructions apply to Leviton Series 3000 Meters. See wiring detail on reverse side.*

Step 1
Mount meter to surface at desired location near load center. Meter is designed to be permanently mounted.

Step 2
Install conduit between meter and panel. Pull voltage reference and CT secondary wires through conduit. Wire sizes and ratings must comply with the NEC and local codes.

Step 3
Connect CT secondary wires to appropriate terminals on meter; white wires always land on X2 terminals (see wiring diagram). Install split core or solid core CTs on feeder wires. Observe proper line, load and phase orientation. “H1” or label must face source (line).

Step 4
Connect the meter to a low amperage (15A) circuit breaker for meter power and reference voltage. Single pole, two pole or three pole based on meter type. Use the appropriate wire gauge based on breaker rating. If space is not available for breaker, voltage can be sourced by tapping off main lugs (per NEC and local code). Use fast-acting fuses 0.5A-2A with appropriate voltage ratings for service.

Explanation of Warning Symbols
Indicates the need to consult the operation manual due to the presence of a potential risk.
Indicates the presence of electric shock hazards. Prior to proceeding, de-energize the circuit and consult the operation manual.
Indicates that the equipment is protected throughout by double insulation.

Failure to follow these warnings could result in serious injury or death.