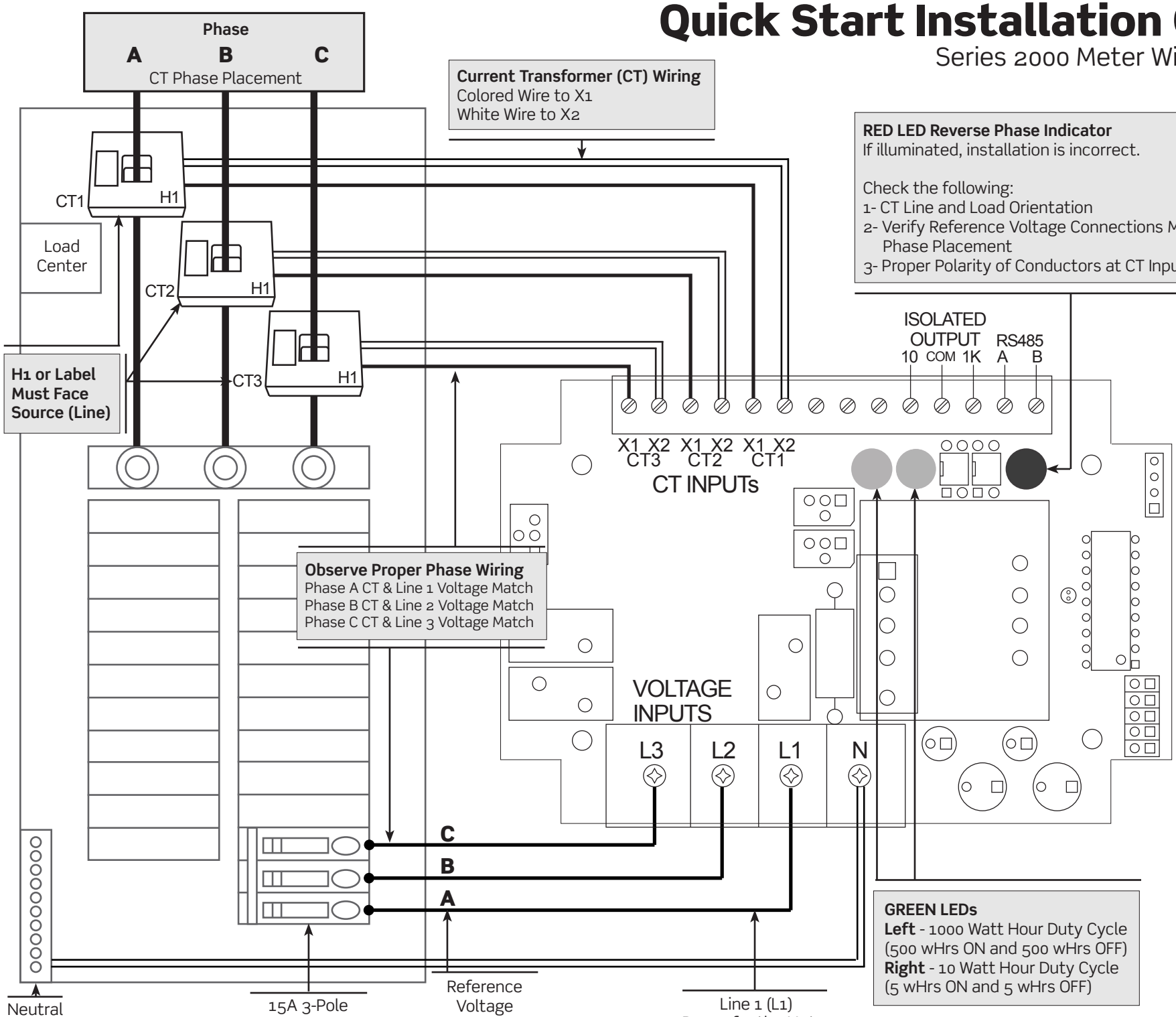
Quick Start Installation Guide

Series 2000 Meter Wiring Detail



*Use appropriate wire gauge based on breaker rating.

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Metering Solutions

Series 2000 Meter
Quick Start Installation Guide

Installation Notes

These instructions apply to Leviton Series 2000 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.

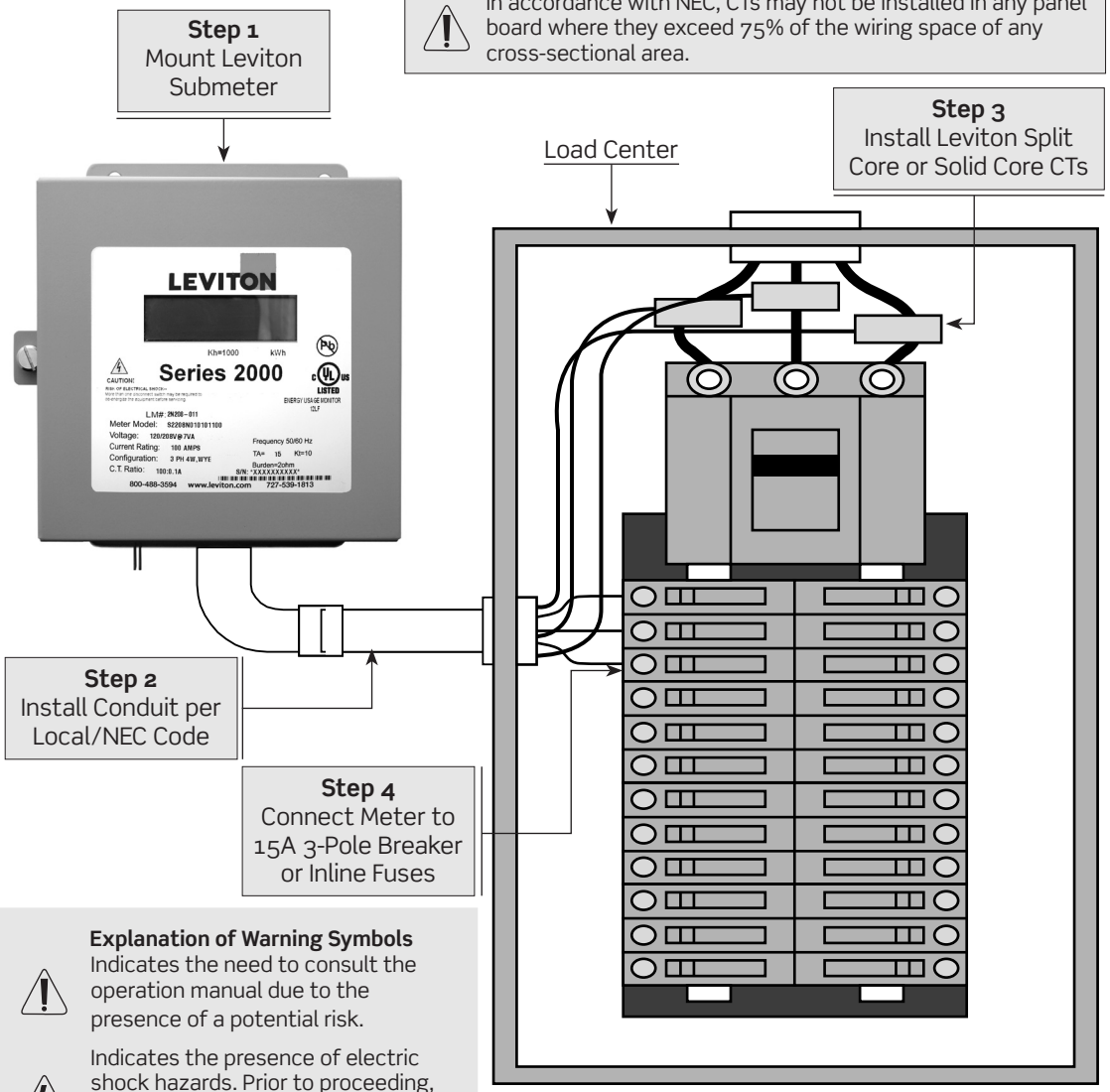
WARNING

- Installation of electric meters requires working with possibly hazardous voltages. These instructions are meant to be a supplement to aid trained, qualified professionals.
- Turn off all power supplying the equipment before performing any wiring operations. Use a properly rated voltage sensing device to confirm power is off.
- Bonding is not automatic for metal conduit connections; separate bonding is to be provided.
- Installations should be done in accordance with local codes and current National Electric Code requirements.
- Equipment used in a manner not specified by this document impairs the protection provided by the equipment.

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

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.



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.

Installation of Voltage Lines
Check to make sure service is disconnected before any connections are made.

*Visit www.leviton.com/meters for the complete installation manual.

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