

# VerifEye™ Mini Meters™

## Sub-Metering Solutions for Accurate Measurement & Verification



### DEFINITION

The Leviton VerifEye™ Mini Meter™ line of revenue-grade meters meets all measurement and verification-based opportunities - including load management and LEED rating achievement. Designed to provide a simple and effective process for accurately capturing measurements of power consumption, Mini Meters are easy to specify and install for new construction and retrofits.

- 1- or 2-Phase applications
- Revenue grade accuracy
- Compact footprint; fits almost anywhere
- Cost effective solution
- Isolated pulse output channel for AMR compatibility

Leviton meters utilize highly accurate current transformers for revenue-grade performance certified to ANSI standards. Competing products use current sensors that do not provide the same level of performance. Leviton offers CTs in solid and split core styles to accommodate all phases of installation and construction.

Solid core CTs are ideal for new construction, when power is not live and wires can easily be threaded through the core. Split core CTs can be installed at any time without having to disconnect wire terminations, making them the optimal choice for retrofitting an existing structure. Split core CTs close securely for fast, precise installation with no need for time-consuming tie wraps and no worries about improper seating or core half separation. Both solid and split core CTs offer high quality, long term accuracy and reliability.

Every Mini Meter has an installer-friendly feedback feature. The red reverse phase indicator acts as an installation diagnostics tool and illuminates if a meter is improperly installed. After installation, the green duty cycle light shows that the meter is collecting electric consumption data at the appropriate rate. All 100 and 200 Amp solid core CTs have color-coded labels to easily identify and correctly land the wires at the meter.

## PRODUCT DATA

### APPLICATIONS

Use Mini Meters in commercial, institutional, industrial and government applications for:

- Load profiling and benchmarking
- AMR/BAS/BMS/EMS integration
- Usage aggregation
- Tenant cost allocation
- Measurement and verification
- Energy conservation and cost reduction
- Green building initiatives and government mandates

### FEATURES

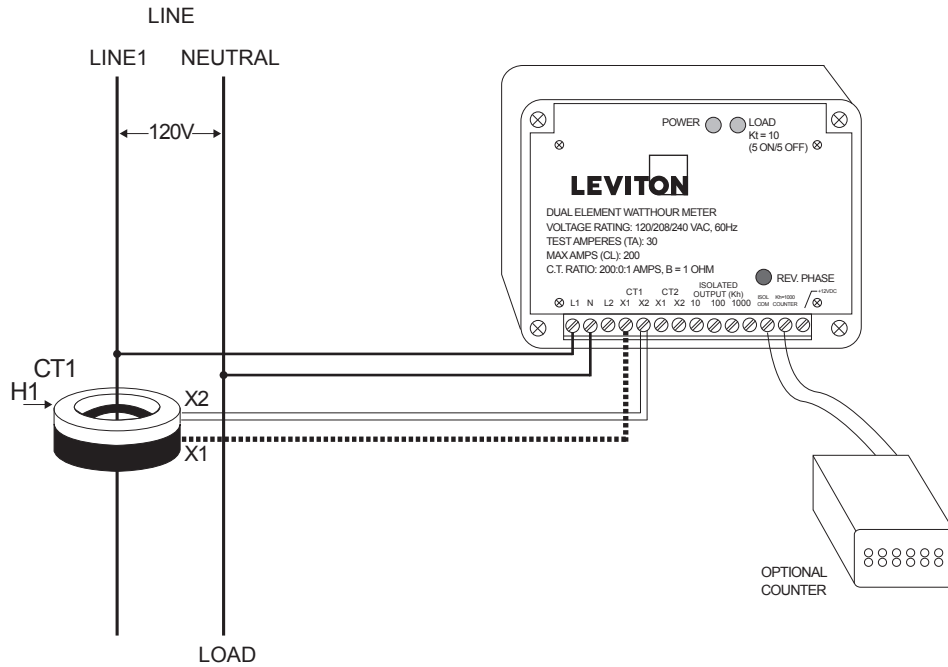
- Measures kWh
- Conforms to all applicable standards of ANSI C12.1
- Equipped with an isolated pulse output for automated meter reading
- Available in indoor flush mount enclosure
- Available in NEMA 4X indoor/outdoor enclosure packages and Multiple Meter Units (MMUs) from 2-19 meters
- Utilizes revenue-grade 0.3% accuracy class 0.1A secondary solid core current transformers (CTs) that conform to all applicable ANSI requirements or 1.0% accuracy split-core CTs
- Up to three sets of CTs per phase can be paralleled per meter without the need for a meter multiplier
- UL/cUL Listed for UL 916 Energy Monitoring Equipment
- Five year warranty

### CONFIGURATIONS\*

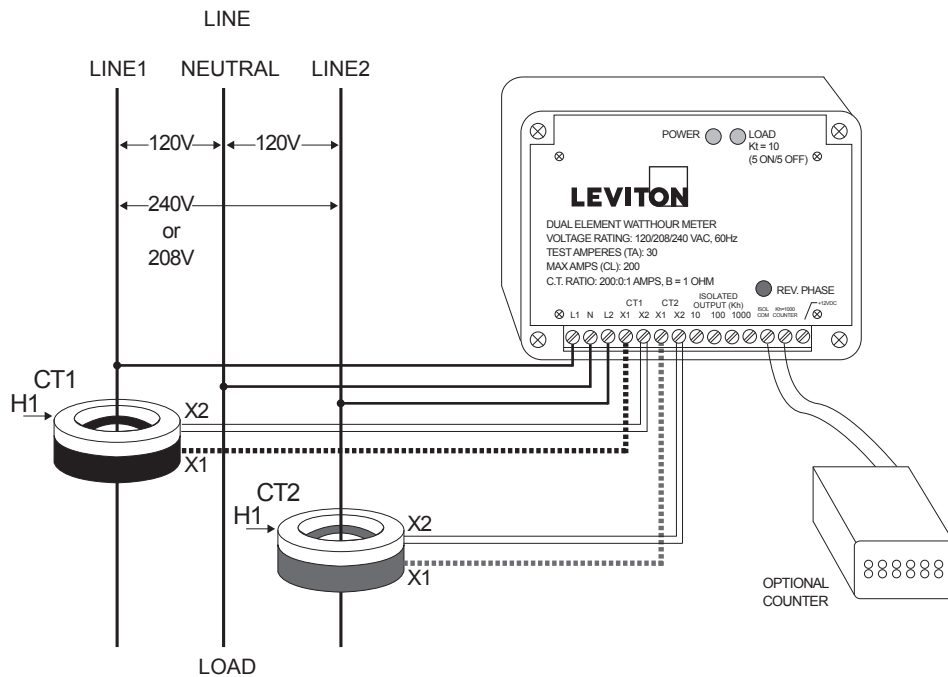
AMPERAGES	PHASE/VOLTAGES
100 and 200A	1Ø/2W - 120V
100 and 200A	1Ø/3W - 120/208/240V

\* Contact factory for non-US voltage configurations.

**SINGLE ELEMENT, MINI METER HOOKUP DIAGRAM**



**DUAL ELEMENT, MINI METER HOOKUP DIAGRAM**



Leviton recommends solid core transformers (CTs) for revenue-grade accuracy. Our 100A and 200A color coded CTs assist with correct installation by indicating phase monitored. Split core CTs are also available upon request for applications where power cannot be interrupted during installation. Our 100-5,000 Amp Split Core CTs offer +/-1.0% accuracy.

**ORDERING INFORMATION**

**Mini Meters**

**NOTE:** Current Transformers (CTs) sold separately — see Current Transformers product data sheet for ordering information.

CAT. NO.	DESCRIPTION
<b>INDOOR FLUSH MOUNT SINGLE ELEMENT MINI METER, 1PH 2W, 120V</b>	
6F101-C01	1.0 kWh Self-Contained LCD Counter, 100:0.1A
6F101-C02	1.0 kWh Self-Contained LCD Counter, 200:0.1A
<b>INDOOR FLUSH MOUNT DUAL ELEMENT MINI METER, 2PH 3W, 240V</b>	
6F201-C01	1.0 kWh Self-Contained LCD Counter, 100:0.1A
6F201-C02	1.0 kWh Self-Contained LCD Counter, 200:0.1A
<b>OUTDOOR SINGLE ELEMENT MINI METER, 1PH 2W, 120V</b>	
6S101-B01	Mechanical 1 kWh Counter, 100:0.1A
6S101-B02	Mechanical 1 kWh Counter, 200:0.1A
6S101-D01	Mechanical 1/10 kWh Counter, 100:0.1A
6S101-D02	Mechanical 1/10 kWh Counter, 200:0.1A
<b>OUTDOOR DUAL ELEMENT MINI METER, 2PH 3W, 240V</b>	
6S201-B01	Mechanical 1 kWh Counter, 100:0.1A
6S201-B02	Mechanical 1 kWh Counter, 200:0.1A
6S201-D01	Mechanical 1/10 kWh Counter, 100:0.1A
6S201-D02	Mechanical 1/10 kWh Counter, 200:0.1A
<b>OEM MODULE SINGLE ELEMENT MINI METER, 1PH 2W, 120V</b>	
7B101-H01	1.0 kWh Counter Output, 100:0.1A
7B101-S01	1.0 kWh Self-Contained LCD Counter, 100:0.1A
7B101-T01	0.1 kWh Counter Output, 100:0.1A
7B101-U01	0.1 kWh Counter Output and Self-Contained LCD Counter, 100:0.1A
7B101-H02	1.0 kWh Counter Output, 200:0.1A
7B101-S02	1.0 kWh Self-Contained LCD Counter, 200:0.1A
7B101-T02	0.1 kWh Counter Output, 200:0.1A
7B101-U02	0.1 kWh Counter Output and Self-Contained LCD Counter, 200:0.1A
<b>OEM MODULE DUAL ELEMENT MINI METER, 2PH 3W, 120V</b>	
7B201-H01	1.0 kWh Counter Output, 100:0.1A
7B201-S01	1.0 kWh Self-Contained LCD Counter, 100:0.1A
7B201-T01	0.1 kWh Counter Output, 100:0.1A
7B201-U01	0.1 kWh Counter Output and Self-Contained LCD Counter, 100:0.1A
7B201-H02	1.0 kWh Counter Output, 200:0.1A
7B201-S02	1.0 kWh Self-Contained LCD Counter, 200:0.1A
7B201-T02	0.1 kWh Counter Output, 200:0.1A
7B201-U02	0.1 kWh Counter Output and Self-Contained LCD Counter, 200:0.1A

**The following products are also part of the Leviton VerifEye line of integrated sub-metering solutions:**

- Series 1000 Meters
- Series 2000 Meters
- Series 3500 Meters
- Series 4000/4100 Meters
- Series 8000 Multi-Point Meters
- EMH+ Integrated Meter & Hub
- 0.5% Mini Meters
- Mini Meters
- Multiple Meter Units (MMUs)
- Current Transformers (CTs)
- BillSuite
- Energy Management Monitoring Software
- Building Manager Online (BMO) 3.0

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**Visit our Website at: [www.leviton.com/verifeye](http://www.leviton.com/verifeye)**

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