LEVITON

Mini Meters

Sub-Metering Solutions for Accurate Measurement & Verification









DEFINITION

The Leviton Mini Meters 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.

Leviton meters utilize highly accurate current tranformers for revenue-grade performance certified to ANSI standards. Competing products use current sensors that do not provide the same level of performance. CTs come as solid core standard for high-quality, long-term accuracy and reliability. They are less susceptible to damage during installation and are cost effective. Leviton also offers split core CTs, hinged on one side for easy installation and machined for zero gaps between the core halves. They snap shut securely for fast, precise installation with no need for time-consuming tie wraps and no worries about improper seating or core half separation.

Every Mini Meter has a user-friendly feedback feature. Exclusive red reverse phase LED warning light 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.

Leviton Mfg. Co., Inc. Lighting & Energy Solutions
20497 SW Teton Avenue, Tualatin, OR 97062 1-800-736-6682 Tech Line: 1-800-959-6004 Fax: 503-404-5594 www.leviton.com/les
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PRODUCT DATA

APPLICATIONS

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

- Load profiling and benchmarking
- BAS integration
- Usage aggregation
- Tenant cost allocation
- Measurement and verification
- Energy conservation and cost reduction
- Green building initiatives and Government mandates

FEATURES

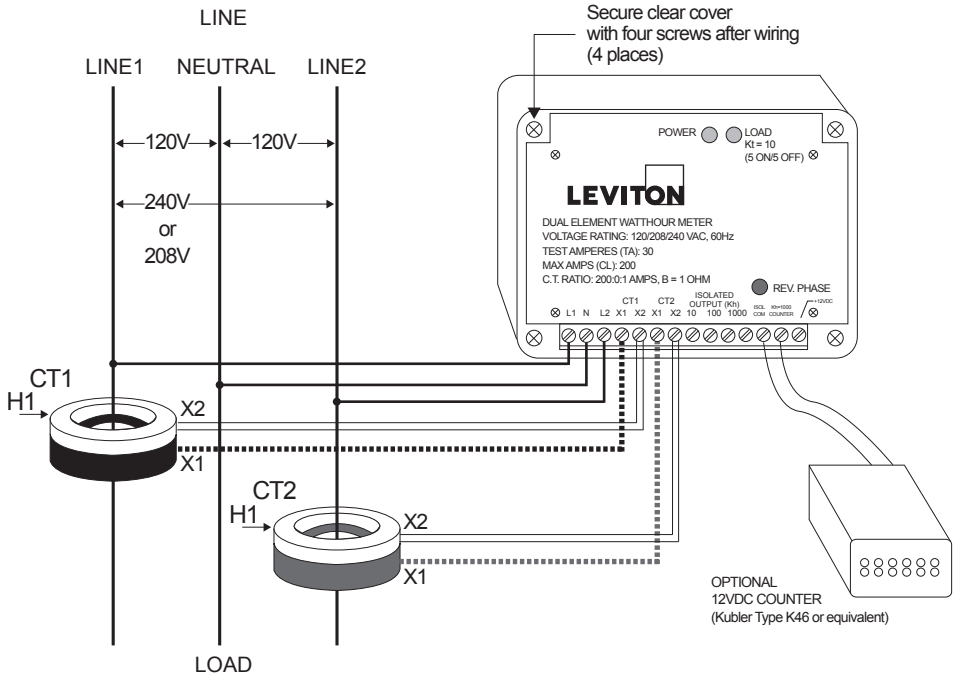
- Measures kWh
- Certified to all applicable standards of ANSI C12.1 and ANSI C12.20 (0.5) Codes for Electricity Metering
- Equipped with an isolated pulse output for automated meter reading
- Available in indoor flush mount enclosure
- Available in NEMA 4X indoor/outdoor enclosure packages with 2 to 19 units for wireless AMR integration
- Utilizes revenue-grade 0.3 accuracy, solid core current transformers (CTs) that conform to all applicable ANSI requirements; also available with easy to install 1% accuracy split-core CTs; both CTs feature a 0.1A secondary current, allowing up to three sets of CTs per phase to be installed in parallel per meter
- UL Listed
- Ten 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.

DUAL ELEMENT, MINI METER HOOKUP DIAGRAM



The following products are also part of the Leviton line of integrated metering solutions:

Series 1000 Meters
Series 2000 Meters
Series 3000 Smart Meters
Multiple Meter Units (MMUs)
EM Pro Energy Allocation Systems
Current Transformers

ORDERING INFORMATION

NOTE: **Current Transformers (CTs) sold separately, unless otherwise noted.**

IMS P/N	LEVITON P/N	DESCRIPTION
MMS1201001	7B101-H01	Single Element, 1PH, 2W, 120V, Individual, 1.0 kWh and 0.1 kWh isolated outputs and 1.0 kWh counter output only, 100:0.1
MMS1201001-SCC	7B101-S01	Single Element, 1PH, 2W, 120V, Individual, Self-Contained LCD Counter 100:0.1
MMS1201001-T	7B101-T01	Single Element, 1PH, 2W, 120V, Individual, 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, 100:0.1
MMS1201001-TSCC	7B101-U01	Single Element, 1PH, 2W, 120V, Individual, 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, and Self-Contained LCD Counter, 100:0.1
MMS1202001	7B101-H02	Single Element, 1PH, 2W, 120V, Individual, 1.0 kWh and 0.1 kWh isolated outputs and 1.0 kWh counter output only, 200:0.1
MMS1202001-SCC	7B101-S02	Single Element, 1PH, 2W, 120V, Individual, Self-Contained LCD Counter 200:0.1
MMS1202001-T	7B101-T02	Single Element, 1PH, 2W, 120V, Individual, 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, 200:0.1
MMS1202001-TSCC	7B101-U02	Single Element, 1PH, 2W, 120V, Individual, 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, and Self-Contained LCD Counter, 200:0.1
MMD1201001	7B201-H01	Dual Element, 2PH, 3W, 120V, Individual, 1.0 kWh and 0.1 kWh isolated outputs and 1.0 kWh counter output only, 100:0.1
MMD1201001-SCC	7B201-S01	Dual Element, 2PH, 3W, 120V, Individual, Self-Contained LCD Counter 100:0.1
MMD1201001-T	7B201-T01	Dual Element, 2PH, 3W, 120V, Individual, 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, 100:0.1
MMD1201001-TSCC	7B201-U01	Dual Element, 2PH, 3W, 120V, Individual, 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, and Self-Contained LCD Counter, 100:0.1
MMD1202001	7B201-H02	Dual Element, 2PH, 3W, 120V, Individual, 1.0 kWh and 0.1 kWh isolated outputs and 1.0 kWh counter output only, 200:0.1
MMD1202001-SCC	7B201-S02	Dual Element, 2PH, 3W, 120V, Individual, Self-Contained LCD Counter 200:0.1
MMD1202001-T	7B201-T02	Dual Element, 2PH, 3W, 120V, Individual, 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, 200:0.1
MMD1202001-TSCC	7B201-U02	Dual Element, 2PH, 3W, 120V, Individual, 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, and Self-Contained LCD Counter, 200:0.1
MS120F01S001100	6F101-B01	Single Element, 1PH, 2W, 120V, Indoor Flush Mount Enclosure, 01 Installed Meter(s), Self-contained LCD Counter, 100:0.1
MS120F01S002100	6F101-B02	Single Element, 1PH, 2W, 120V, Indoor Flush Mount Enclosure, 01 Installed Meter(s), Self-contained LCD Counter, 200:0.1
MD240F01S001100	6F201-B01	2PH, 3W, 240V, Indoor Flush Mount Enclosure, 01 Installed Meter(s), Self-contained LCD Counter, 100:0.1
MD240F01S002100	6F201-B02	2PH, 3W, 240V, Indoor Flush Mount Enclosure, 01 Installed Meter(s), Self-contained LCD Counter, 200:0.1
ED240S01M001100	4S201-B01	Potted, 2PH, 3W, 240V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1 KWH Counter, 100:0.1
ED240S01M002100	4S201-B02	Potted, 2PH, 3W, 240V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1 KWH Counter, 200:0.1
ED240S01T001100	4S201-D01	Potted, 2PH, 3W, 240V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1/10 KWH Counter, 100:0.1
ED240S01T002100	4S201-D02	Potted, 2PH, 3W, 240V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1/10 KWH Counter, 200:0.1
MS120S01M001100	6S101-B01	Single Element, 1PH, 2W, 120V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1 KWH Counter, 100:0.1
MS120S01M002100	6S101-B02	Single Element, 1PH, 2W, 120V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1 KWH Counter, 200:0.1
MS120S01T001100	6S101-D01	Single Element, 1PH, 2W, 120V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1/10 KWH Counter, 100:0.1
MS120S01T002100	6S101-D02	Single Element, 1PH, 2W, 120V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1/10 KWH Counter, 200:0.1
MD240S01M001100	6S201-B01	2PH, 3W, 240V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1 KWH Counter, 100:0.1
MD240S01M002100	6S201-B02	2PH, 3W, 240V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1 KWH Counter, 200:0.1
MD240S01T001100	6S201-D01	2PH, 3W, 240V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1/10 KWH Counter, 100:0.1
MD240S01T002100	6S201-D02	2PH, 3W, 240V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1/10 KWH Counter, 200:0.1

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LEVITON®

ORDERING INFORMATION

NOTE: Current Transformers (CTs) sold separately, unless otherwise noted.

IMS P/N	LEVITON P/N	DESCRIPTION
ES120S01M001100	4S101-B01	Epoxy Encapsulated Single Element, **with CTs included and permanently attached to meter**, 120V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1 KWH Counter, 100:0.1
ES120S01M002100	4S101-B02	Epoxy Encapsulated Single Element, **with CTs included and permanently attached to meter**, 120V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1 KWH Counter, 200:0.1
ES120S01M002100	4S101-B02	Epoxy Encapsulated Single Element, **with CTs included and permanently attached to meter**, 120V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1 KWH Counter, 200:0.1
ES120S01T002100	4S101-D02	Epoxy Encapsulated Single Element, **with CTs included and permanently attached to meter**, 120V, Small Outdoor Enclosure, 01 Installed Meter(s), Mechanical 1/10 KWH Counter, 200:0.1
EES1201001	5B101-H01	Epoxy Encapsulated Single Element, **with CTs included and permanently attached to meter**, 120V, Individual, provided with 1.0 kWh and 0.1 kWh isolated outputs and 1.0 kWh counter output only, 100:0.1
EES1201001-T	5B101-T01	Epoxy Encapsulated Single Element, **with CTs included and permanently attached to meter**, 120V, Individual, provided with 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, 100:0.1
EES1202001	5B101-H02	Epoxy Encapsulated Single Element, **with CTs included and permanently attached to meter**, 120V, Individual, provided with 1.0 kWh and 0.1 kWh isolated outputs and 1.0 kWh counter output only, 200:0.1
EES1202001-T	5B101-T02	Epoxy Encapsulated Single Element, **with CTs included and permanently attached to meter**, 120V, Individual, provided with 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, 200:0.1
EED1201001	5B201-H01	Epoxy Encapsulated Dual Element, **with CTs included and permanently attached to meter**, 120V, Individual, provided with 1.0 kWh and 0.1 kWh isolated outputs and 1.0 kWh counter output only, 100:0.1
EED1201001-T	5B201-T01	Epoxy Encapsulated Dual Element, **with CTs included and permanently attached to meter**, 120V, Individual, provided with 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, 100:0.1
EED1202001	5B201-H02	Epoxy Encapsulated Dual Element, **with CTs included and permanently attached to meter**, 120V, Individual, provided with 1.0 kWh and 0.1 kWh isolated outputs and 1.0 kWh counter output only, 200:0.1
EED1202001-T	5B201-T02	Epoxy Encapsulated Dual Element, **with CTs included and permanently attached to meter**, 120V, Individual, provided with 0.1 kWh and 0.01 kWh isolated outputs and 0.1 kWh counter output, 200:0.1

Connect With Leviton

Integrated Metering Systems (IMS), a leading manufacturer of revenue-grade sub-metering solutions for 20 years is now part of Leviton's complete line of ighting and energy management solutions. A complementary addition to Leviton's current line, we offer solutions to meet all measurement and verification based opportunities such as smart metering, load management and LEED rating achievement. With the addition of sub-metering, Leviton offers a total solution package for all lighting control, measurement and verification needs for commercial applications. Our new sub-metering products have the same world class service and support that that Leviton has been providing for over 100 years.

LEVITON SPECIFICATION SUBMITTAL	
JOB NAME:	CATALOG NUMBERS:
JOB NUMBER:	

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