

optimum

ENERGY PRODUCTS LTD.

Toll Free: 1.877.766.5412

info@optimumenergy.com

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LEVITON®

Metering Solutions



SMARTer Metering. SMARTer Control. REAL Savings.

Mini Meters

Equitable Tenant Billing

Some multi-tenant residential properties include energy costs in rental fees and generally charge tenants for energy based on the square footage occupied. To be truly equitable, tenants should pay only for what they actually use. With Leviton Mini Meters, building managers can easily track and allocate energy usage costs fairly to multiple tenants, as well as recoup energy expenses from common-use areas (parking lots, hall lighting, etc.). Tenants benefit by paying only for the energy they use; and when they focus on conserving energy, they can see direct financial benefits from their efforts.

- Measures kWh
- Certified 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 individual meter enclosures and Multiple Meter Units (MMUs) from 2 to 19 meters
- 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
- 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



Indoor Flush Mount Mini Meter



Outdoor Mini Meter



OEM Module Mini Meter

Mini Meters

(Note: Current Transformers (CTs) sold separately - see page 11 for ordering information)

| CAT. NO. | DESCRIPTION |
|---|---|
| INDOOR FLUSH MOUNT SINGLE ELEMENT MINI METER, 1PH 2W, 120V | |
| 6F101-Co1 | 1.0 kWh Self-Contained LCD Counter, 100:0.1A |
| 6F101-Co2 | 1.0 kWh Self-Contained LCD Counter, 200:0.1A |
| INDOOR FLUSH MOUNT DUAL ELEMENT MINI METER, 2PH 3W, 240V | |
| 6F201-Co1 | 1.0 kWh Self-Contained LCD Counter, 100:0.1A |
| 6F201-Co2 | 1.0 kWh Self-Contained LCD Counter, 200:0.1A |
| OUTDOOR SINGLE ELEMENT MINI METER , 1PH 2W, 120V | |
| 6S101-B01 | Mechanical 1 kWh Counter, 100:0.1A |
| 6S101-B02 | Mechanical 1 kWh Counter, 200:0.1A |
| 6S101-Do1 | Mechanical 1/10 kWh Counter, 100:0.1A |
| 6S101-Do2 | Mechanical 1/10 kWh Counter, 200:0.1A |
| OUTDOOR DUAL ELEMENT MINI METER, 2PH 3W, 240V | |
| 6S201-B01 | Mechanical 1 kWh Counter, 100:0.1A |
| 6S201-B02 | Mechanical 1 kWh Counter, 200:0.1A |
| 6S201-Do1 | Mechanical 1/10 kWh Counter, 100:0.1A |
| 6S201-Do2 | Mechanical 1/10 kWh Counter, 200:0.1A |
| OEM MODULE SINGLE ELEMENT MINI METER, 1PH 2W, 120V | |
| 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 |
| OEM MODULE DUAL ELEMENT MINI METER, 2PH 3W, 120V | |
| 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 |

Multiple Meter Units (MMUs)

For both retrofit and new construction, Leviton Multiple Meter Units (MMUs) are fast and easy to install. They come pre-wired per project panel schedules with clearly labeled connections, minimizing the electrical installation time, another great money saving feature.

All Leviton MMUs are UL Listed assemblies, giving your customers extra assurance for no extra cost. Choose from an indoor steel model in 4/8/16 unit single- or three-phase configurations utilizing Series 2000 meters or a weatherproof outdoor enclosure in 4/9/19 single-phase configurations utilizing Mini Meters. If your application requires a different configuration, Leviton is ready to help.



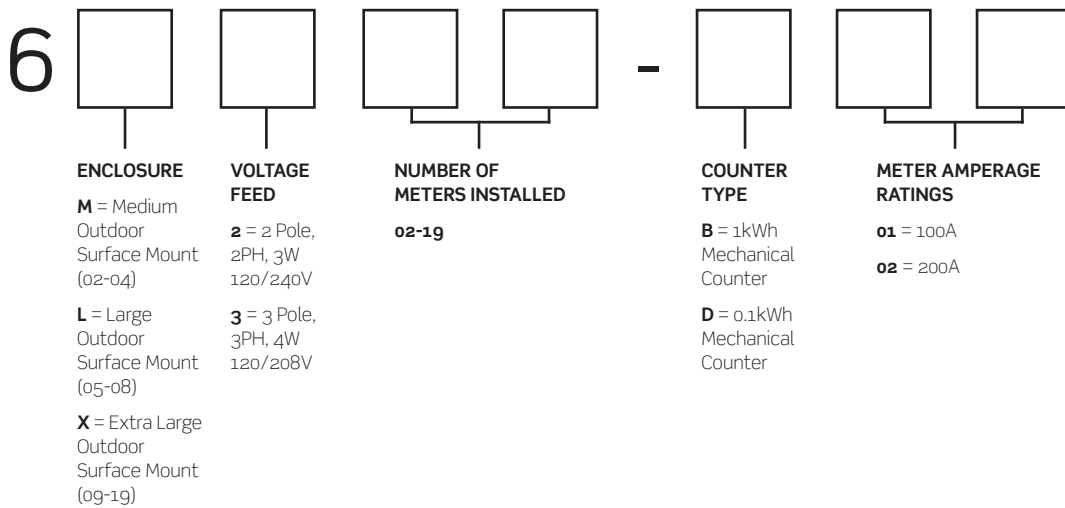
Large Multiple Meter Unit (MMU)



Extra Large Multiple Meter Unit (MMU)

Mini Meter Multiple Meter Units (MMUs)

(Note: Current Transformers (CTs) sold separately - see page 11 for ordering information)



Current Transformers

Revenue-grade solid core current transformers (CTs) provide superior accuracy over less accurate current sensor designs. Leviton CTs measure and output a current value, rather than voltage, resulting in a more stable measurement for greater accuracy (+/- 0.3%). Leviton CTs also conform to all applicable standards of ANSI C12.1.

Leviton CTs come as solid core standard, to ensure the highest quality, long-term accuracy and reliability. Solid core CTs are less susceptible to damage during installation and offer greater cost effectiveness in the long run. Leviton also offers engineered split core CTs for easy installation and machined for zero gaps between the core halves. They close securely for fast, precise installation every time. No need for time-consuming tie wraps, and no more worries about improper seating or core half separation.

To prevent installation problems from the start, all Leviton 100A and 200A solid core CTs feature color-coding that make it easy to identify and orient each one, and correctly land the wires to the meter the first time.



Solid Core
Current Transformers



Split Core
Current Transformers

Current Transformers

(Note: Meters sold separately - see pages 8-10 and pages 12-15 for ordering information)

| CAT. NO. | DESCRIPTION | FOR USE WITH ANY |
|----------------|---|------------------|
| KITS | | |
| CDA01-212 | CT Kit, 100:0.1A, 0.72", Red, Black | 100 Amp Meter |
| CDA01-312 | CT Kit, 100:0.1A, 0.72", Blue, Red, Black | 100 Amp Meter |
| CDE01-211 | CT Kit, 100:0.1A, 0.67", Red, Black | 100 Amp Meter |
| CDE01-311 | CT Kit, 100:0.1A, 0.67", Blue, Red, Black | 100 Amp Meter |
| CDA02-212 | CT Kit, 200:0.1A, 0.72", Red, Black | 200 Amp Meter |
| CDA02-312 | CT Kit, 200:0.1A, 0.72", Blue, Red, Black | 200 Amp Meter |
| CDE02-211 | CT Kit, 200:0.1A, 0.67", Red, Black | 200 Amp Meter |
| CDE02-311 | CT Kit, 200:0.1A, 0.67", Blue, Red, Black | 200 Amp Meter |
| SINGLES | | |
| CDA01-K12 | 100:0.1A, Solid Core, 0.67", Black | 100 Amp Meter |
| CDA01-L12 | 100:0.1A, Solid Core, 0.67", Blue | 100 Amp Meter |
| CDA01-R12 | 100:0.1A, Solid Core, 0.67", Red | 100 Amp Meter |
| CDE01-K11 | 100:0.1A, Solid Core, 0.67", Black | 100 Amp Meter |
| CDE01-L11 | 100:0.1A, Solid Core, 0.67", Blue | 100 Amp Meter |
| CDE01-R11 | 100:0.1A, Solid Core, 0.67", Red | 100 Amp Meter |
| CTD01-K16 | 100:0.1A, Split Core, .75" x .75" | 100 Amp Meter |
| CDA02-L12 | 200:0.1A, Solid Core, 0.72", Blue | 200 Amp Meter |
| CDE02-R11 | 200:0.1A, Solid Core, 0.67", Red | 200 Amp Meter |
| CDA02-R12 | 200:0.1A, Solid Core, 0.72", Red | 200 Amp Meter |
| CDE02-K11 | 200:0.1A, Solid Core, 0.67", Black | 200 Amp Meter |
| CDE02-K12 | 200:0.1A, Solid Core, 0.72", Black | 200 Amp Meter |
| CDE02-L11 | 200:0.1A, Solid Core, 0.67", Blue | 200 Amp Meter |
| CTD02-K16 | 200:0.1A, Split Core, 1" x 1" | 200 Amp Meter |
| CDF04-K24 | 400:0.1A, Solid Core, 1.5" | 400 Amp Meter |
| CTD04-K23 | 400:0.1A, Split Core, 1.4" x 1.4" | 400 Amp Meter |
| CTC08-K46 | 800:0.1A, Split Core, 2.75" x 3.5" | 800 Amp Meter |
| CTC16-K96 | 1600:0.1A, Split Core, 4" x 6" | 1600 Amp Meter |
| CTC30-57B | 3000:0.1A, Split Core, 5" x 7" | 3000 Amp Meter |
| CTC50-57B | 5000:0.1A, Split Core, 5" x 7" | 5000 Amp Meter |

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% accuracy.



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