

## 1K277-1W

Series 1000 Submeter 277V 100A 1P/2W Indoor Kit with 1 Split Core Current Transformer



UPC Code : 078477597897

Country Of Origin : United States

The Leviton VerifEye™ Series 1000 line of revenue-grade submeters 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, Series 1000 submeters are easy to specify and install for new construction and retrofits.

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 Series 1000 submeter 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 the electrical consumption data at the appropriate rate. All 100 and 200 Amp solid core CTs have color-coded labels to easily identify correct line/load orientation.

### Technical Information

#### Electrical Specifications

**Amperage** : 3 A

**Voltage** : 9.18 VDC

#### Product Features

**CTs Included** : 1 Split Core CT

**Communication** : Pulse Output

**Enclosure** : Indoor (NEMA 1)

**Meter Configuration** : Single Meter

**Product Line** : Series 1000 Kit

### Features and Benefits

- Measures kWh and demand (optional)
- Conforms to all applicable standards of ANSI C12.1
- Equipped standard with an Isolated Pulse Output channel for easy AMR/BAS/BMS/EMS interface
- Utilizes revenue-grade 0.5% 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
- Enclosure options include surface mount industrial grade JIC steel indoor and NEMA 4X outdoor
- Interfaces with numerous communication systems – Hardwired Automatic Meter Reading (AMR) or wireless AMR
- Large LCD display shows kWh and optional peak and instantaneous kW with Demand Reset
- Load Indicator LED verifies meter functionality
- Reverse Phase Indicator LED illuminates if the meter is improperly installed

- CT lead length maximum: 48"
- UL/cUL Listed Energy Usage Monitor per CCN FTRZ
- Five year warranty

**SPECIFICATION SUBMITTAL**

JOB NAME: <input type="text"/>	CATALOG NUMBERS: <input type="text"/>	
JOB NUMBER: <input type="text"/>	<input type="text"/>	<input type="text"/>

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