

SPLIT-CORE CURRENT TRANSFORMERS

New!

Revenue-Grade Accuracy



Patent pending

CTL Series - 1.25 Inch Window - 250 and 400 Amps

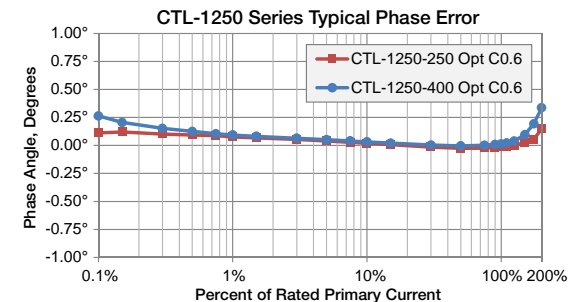
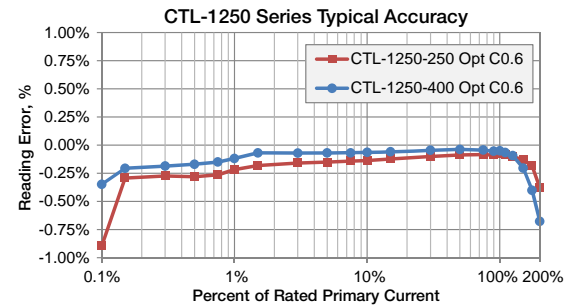
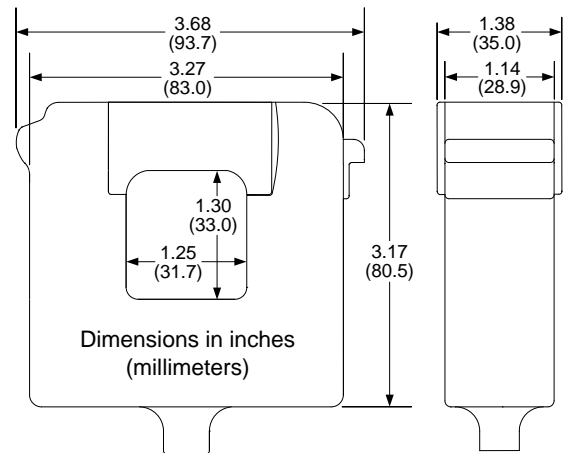
The CTL revenue-grade, split-core current transformers provide IEEE C57.13 class 0.6 accuracy, with UL listing for energy management equipment. They combine the ease of installation of an opening current transformer with the accuracy normally associated with solid-core current transformers. They are an ideal companion to the WattNode® Revenue meter for revenue-grade electric power metering applications.

- **Very low phase angle error:** essential for accurate power and energy measurements
- **IEEE/ANSI C57.13 and IEC 60044-1 accuracy** over the full temperature range
- **Glove-friendly** operation with one hand

Specifications

All specifications are for operation at 60 Hz.

- **Accuracy:**
 - $\pm 0.50\%$ from 15% to 100% of rated primary current
 - $\pm 0.75\%$ from 1% to 15% of rated primary current
- **Phase angle:**
 - ± 0.25 degrees (15 minutes) from 50% to 100% of rated current
 - ± 0.50 degrees (30 minutes) from 5% to 50% of rated current
 - ± 0.75 degrees (45 minutes) from 1% to 5% of rated current
- **Accuracy standards:** IEEE C57.13 class 0.6, IEC 60044-1 class 0.5S
- **Primary rating:** 250 or 400 Amps, 600 Vac, 60 Hz nominal
- **Output:** 333.33 mVac at rated current
- **Operating temperature:** -30°C to 55°C
- **Safe:** integral burden resistor, no shorting block needed
- **Standard lead length:** 8 ft (2.4 m), 18 AWG
- **Approvals:** UL recognized, CE mark, RoHS
- **Assembled in USA:** qualified under Buy American provision in ARRA of 2009



- Graphs show typical performance at 23°C , 60 Hz
- Graph shows a positive phase angle when the output leads the primary current.

CTL-5.10.13: Specifications are subject to change

Models	Amps	MSRP
CTL-1250-250 Opt C0.6	250	\$66
CTL-1250-400 Opt C0.6	400	\$66



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