



# CURRENT TRANSFORMERS

## Solid Core

This series of solid core current transformers ("CT") is simple and designed for connection to the WebMeter products from CircuitMeter. Meets the most demanding accuracy requirements and has a small cross section.

*Installation must be installed by a certified electrician and adhere to local electrical safety guidelines.*

### KEY FEATURES

- Accuracy class of 0.1
- Designed for WebMeter48™
- Designed for energy monitoring
- AC input, 50/60 Hz
- 600 VAC Rated, CAT III
- Primary current range from 40A to 200A

### SPECIFICATIONS



|                                  | CT 040             | CT 100            | CT 200             |
|----------------------------------|--------------------|-------------------|--------------------|
| Type <sup>1</sup>                | Solid              | Solid             | Solid              |
| Rated Primary Current            | 40A                | 100A              | 200A               |
| Turn Ratio                       | 1:2000             | 1:2000            | 1:2000             |
| Operating Temperature            | -40°C ~ +80°C      | -40°C ~ +80°C     | -40°C ~ +80°C      |
| Accuracy Class                   | 0.1                | 0.1               | 0.1                |
| Accuracy Class Amps Range        | 2 – 40A            | 5 – 100A          | 10 – 200A          |
| Reference Amps*                  | 6A                 | 15A               | 30A                |
| Minimum Amps with WebMeter       | 0.4A               | 1.0A              | 2.0A               |
| Maximum Burden                   | 10 Ohm             | 10 Ohm            | 10 Ohm             |
| Pollution                        | PD 2               | PD 2              | PD 2               |
| Dielectric Withstanding Voltage  | CAT III 600V       | CAT III 600V      | CAT III 600V       |
| UL / CSA / CE / RoHS             | Yes                | Yes               | Yes                |
| Safety Standard                  | UL 61010-1         | UL 61010-1        | UL 61010-1         |
| Secondary Wire                   | 18AWG – UL1015     | 18AWG – UL1015    | 18AWG – UL1015     |
| Secondary Wire Length – (meters) | 1.5                | 1.5               | 1.5                |
| – (feet)                         | 4.9                | 4.9               | 4.9                |
| Dimensions (L x H x W) – (mm)    | 24 x 25 x 11       | 38 x 39 x 15      | 50 x 50 x 21       |
| – (inches)                       | 0.94 x 0.98 x 0.43 | 1.5 x 1.54 x 0.59 | 1.97 x 1.97 x 0.83 |
| Window Size – (mm)               | 6.5                | 13                | 23.2               |
| – (inches)                       | 0.26               | 0.51              | 0.91               |
| Locking Mechanism                | N/A                | N/A               | N/A                |

<sup>1</sup> For use on insulated conductors only

\* ANSI C12.20 - 2015 table 8 (23 degrees celsius, power factor 1.0)