



# Wire Lead Current Transformers

CR Magnetics offers a versatile line of rugged wire lead current transformers. Installed around a current-carrying wire, the sensor provides a current output relative to the AC input current (within specification limits). With the output connected across a resistive load (burden), the voltage developed is proportional to the input current.

## Applications

- Remote monitoring of electrical loads
- Input to electrical control system
- Detect open heater elements
- Indicate phase loss
- Monitor motor operation

## Features

- Low cost
- Non-contact, isolated current measurement
- Surface mounting bracket available for Model 17 and Model 18
- 2 case sizes, 3 different standard ratios

## Specifications

**Frequency:** 50-60 Hz

**Working Class:** 600 Vac

**Case Material:** Black thermoplastic

## Part Numbers

<b>Model 17-2000</b>	Current Transformer with wire leads, .55 dia. opening, 2000 turns
<b>Model 17-1000</b>	Current Transformer with wire leads, .55 dia. opening, 1000 turns
<b>Model 18-600</b>	Current Transformer with wire leads, .55 dia. opening, 600 turns
<b>MB-18</b>	Surface Mounting Bracket for Model 17 or Model 18
<b>Model 19</b>	Current Transformer with .29 dia. opening, 230 turns



**Model 19**



**Model 17 & 18**

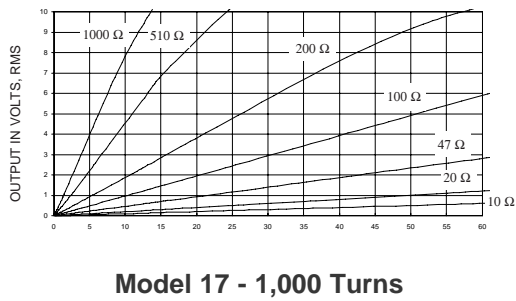
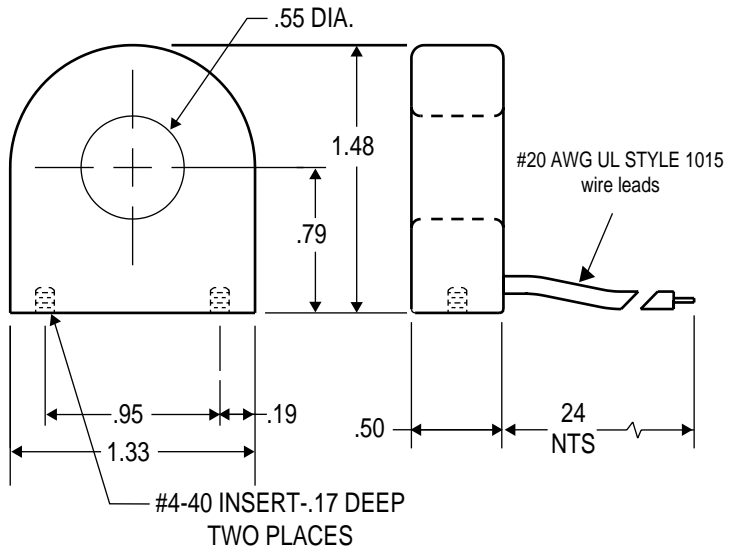
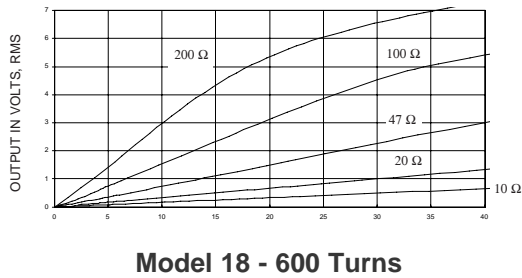
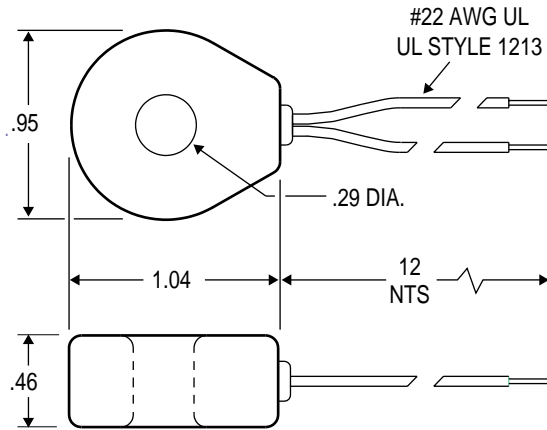
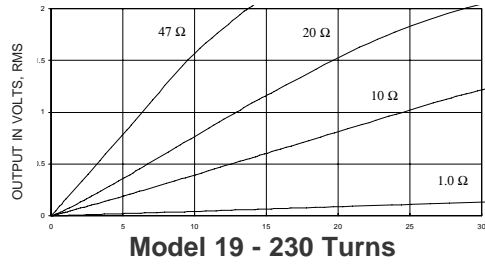
Shown with optional mounting bracket **MB-18**

**Internet Resources** <http://www.crmagnetics.com/>

- Transformer Selection Guide: pcb.html

# Wire Lead Current Transformers

## Outline Drawings



**Model 17 & 18: Current Sensing Transformers**  
Also available with PCB pins

