# Current Transformer
## Model 613 Split Core/Clamp On
*Window Size 0.80" x 1.95"*

REGULATORY AGENCY APPROVALS

Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1


**APPLICATION:**
For energy management systems and instrumentation equipment having a high input impedance, eg. 14K ohms minimum.

**FREQUENCY:**
50-400 Hz.

**INSULATION LEVEL:**
0.6 kV, BIL 10 kV full wave.

**CONTINUOUS THERMAL CURRENT RATING FACTOR:**
Models 613-101 thru 613-401:
1.33 at 30°C. amb. 1.0 at 55°C. amb.

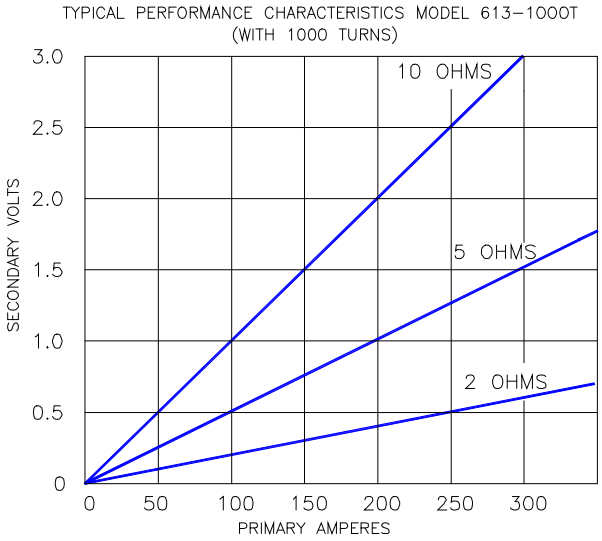
Model 613-1000T:
330A at 30°C. amb. 250A at 55°C. amb.

Flexible leads are UL 1015, 105°C , CSA approved, #16 AWG, 24" long unless otherwise specified.

Approximate weight 1 lb.

| | CATALOG NUMBER | CURRENT RATIO | BURDEN VA | ACCURACY AT 60 HZ |
|---|---|---|---|---|
| | 613-101 | 100:5 | 1 | 5 % |
| | 613-1250 | 125:5 | 1.25 | 5 % |
| | 613-151 | 150:5 | 1.5 | 5 % |
| | 613-1750 | 175:5 | 1.75 | 5 % |
| | 613-201 | 200:5 | 2.5 | 4 % |
| | 613-251 | 250:5 | 2.5 | 4 % |
| | 613-301 | 300:5 | 3 | 2 % |
| | 613-401 | 400:5 | 3 | 2 % |
| * | 613-1000T | 100:0.1 | SEE GRAPH | ± 3 % |

*The Model 613—1000T is intended for use with high input impedance devices that require signal voltages up to 5 VAC. The output can be rectified and filtered for devices requiring DC in, the non-linearity and voltage drop of the rectifiers and filters must be considered in the choice of the loading impedance.




• This transformer is designed for assembly to an existing electrical installation without the need for dismantling the primary bus or cables.



**Caution:**

Proper safety precautions must be followed during installation by a trained electrician. Never install while bus is energized.

The current transformer must have its secondary terminals short circuited or the burden connected, before energizing the primary circuit.