

# Model 604

**Current Transformer High Accuracy Low Ratio Split Core  
Window Size 1.42" x 1.53"**

## Application

For energy management systems and instrumentation.

## Frequency

50-400 Hz.

## Insulation Level

0.6 kV, BIL 10 kV full wave.

## Continuous Thermal Current Rating Factor

### Models 604-101 thru 604-401

1.33 at 30 °C. amb.,  
1.0 at 55 °C. amb.

### Model 604-1000T

450A at 30 °C. amb.,  
350A at 55 °C. amb.

Terminals are 10-32 brass studs with one flatwasher and 2 regular nuts.

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

Approximate Weight 2.5 lbs.



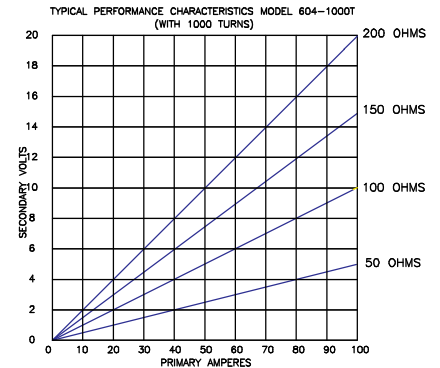
### REGULATORY AGENCY APPROVALS



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

## Model 604

Catalog Number	Current Ratio	Burden VA	Accuracy at 60 Hz
604-101	100:5	1	5 %
604-1250	125:5	1	5 %
604-151	150:5	1	4 %
604-1750	175:5	1	3 %
604-201	200:5	1	2 %
604-251	250:5	2	2 %
604-301	300:5	2	1.5 %
604-351	350:5	2.5	1.5 %
604-401	400:5	2.5	1.5 %
604-1000T	100:0.1	See graph	3 %



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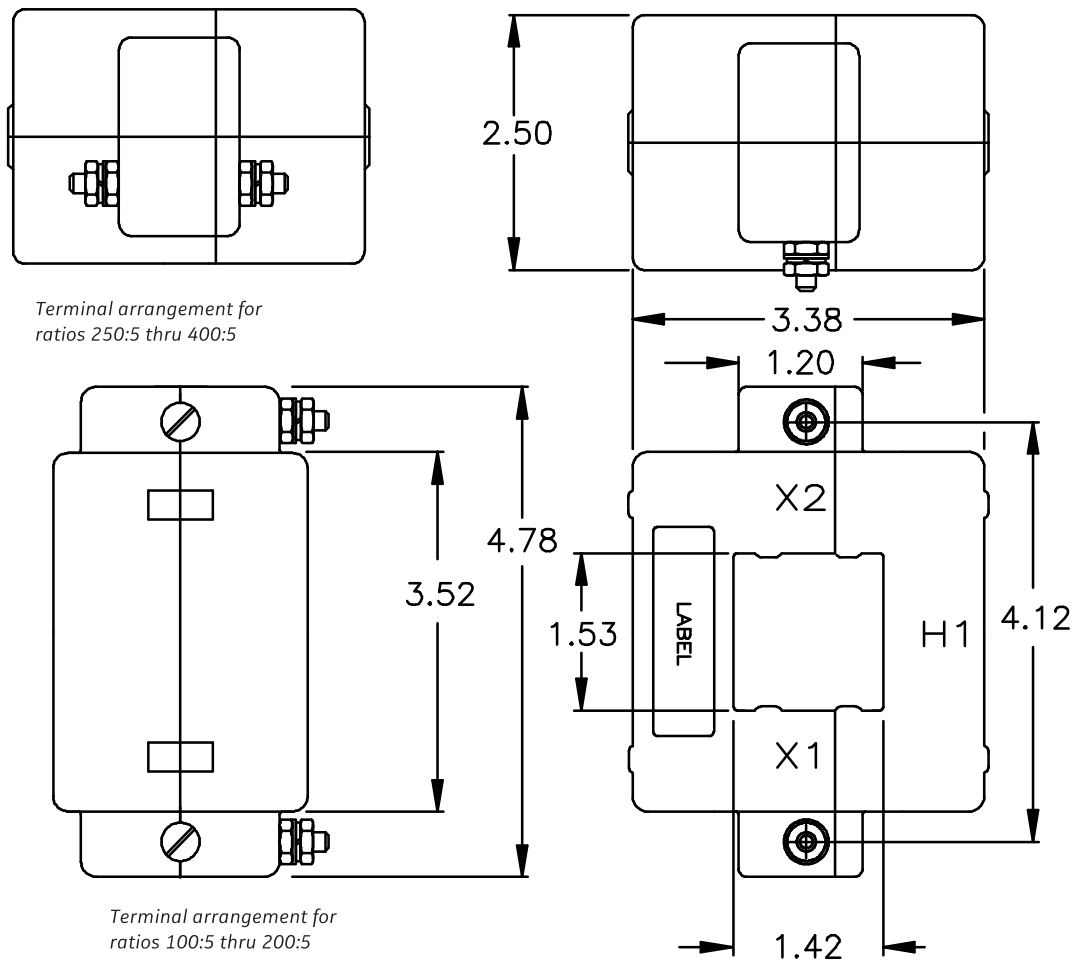
These transformers are designed for assembly to an existing electrical installation without the need for dismantling the primary bus or cables.

The 604-1000T is intended for use with high input impedance devices. The output can be rectified and filtered for devices requiring DC input. The non-linearity and voltage drop of the rectifiers and filters must be considered in the choice of the loading impedance.

### 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.



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