

Current Transformer

Model 604 High Accuracy Low Ratio Split Core

Window Size 1.42" x 1.53"

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.

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.

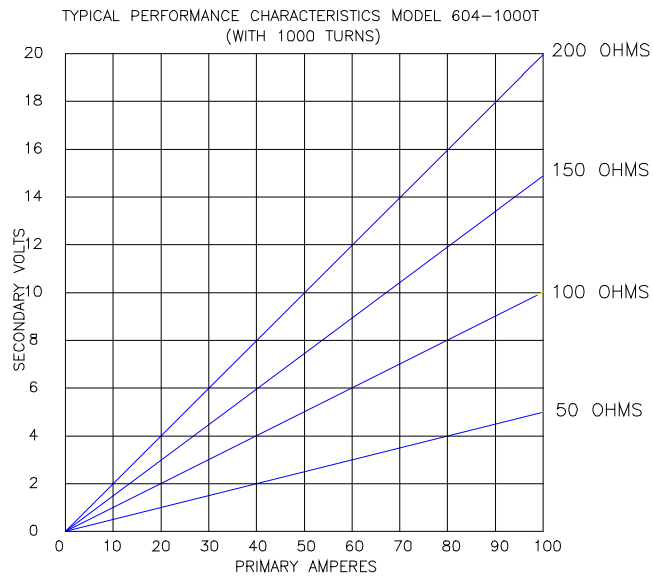
Terminals are 10-32 brass studs with one
flatwasher and 2 regular nuts.

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

Approximate Weight 2.5 lbs.

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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This transformer is 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.

