

MODEL 613

Current Transformer 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:

330 A at 30 °C. amb.,
250 A at 55 °C. amb.

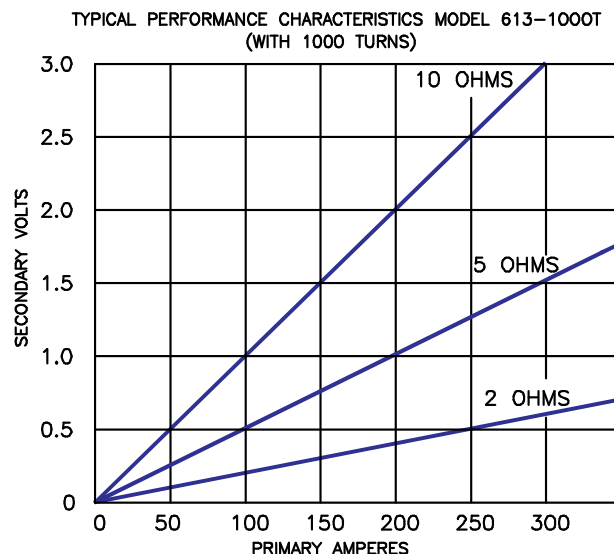
Flexible leads UL 1015, 105 °C , CSA approved, #16 AWG, 24" long unless otherwise specified

Approximate Weight 1 lb.

Model 613

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.*



461 Boston Street, Unit E6, Topsfield, MA 01983
Toll Free (800) 644-9773 · Phone (978) 887-2020
meters@spectrumind.com

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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.

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.

