

Split Core Current Transformer

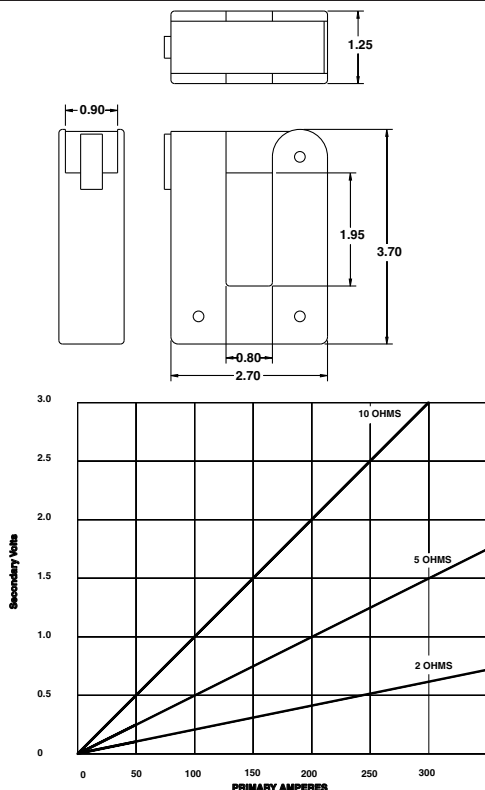
613 Series



PART NUMBERS

Part Number	Current Ratio	Burden VA	Accuracy at 60 Hz
613-101	100:5	1.00	±5%
613-1250	125:5	1.25	±5%
613-151	150:5	1.50	±5%
613-1750	175:5	1.75	±5%
613-201	200:5	2.50	±4%
613-251	250:5	2.50	±4%
613-301	300:5	3.00	±2%
613-401	400:5	3.00	±2%
613-1000T	100:0.1	See Graph	±3%

OUTLINE DRAWING



The **613** Series Split Core Current Transformer is designed for assembly to an existing electrical installation without the need for dismantling the primary bus or cables.

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 input. The non-linearity and voltage drop of the rectifiers and filters must be considered in the choice of the loading impedance.

Application

For Energy Management Systems and Instrumentation Equipment

Frequency

50-400Hz

Insulation

0.6 kV, BIL 10 kV full wave

Construction

The core and windings are encased in UL approved plastic

Continuous Thermal Current Rating

Factor Models 613-101 – 613-401:

1.33 at 30° C amb

1.00 at 55° C amb

Model 613-1000T:

330A at 30° C amb

250A at 55° C amb

Flexible Leads

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

Approximate Weight

1 lb

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.

Regulatory Agencies

