

# Split Core Current Transformer

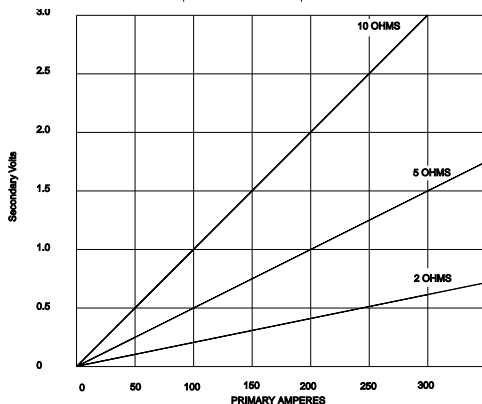
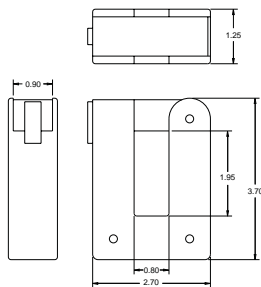
## 613 Series



### 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



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