

Current Transformer

Model 610 High Accuracy Split Core

Window Size 1.30" x 1.47"

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:

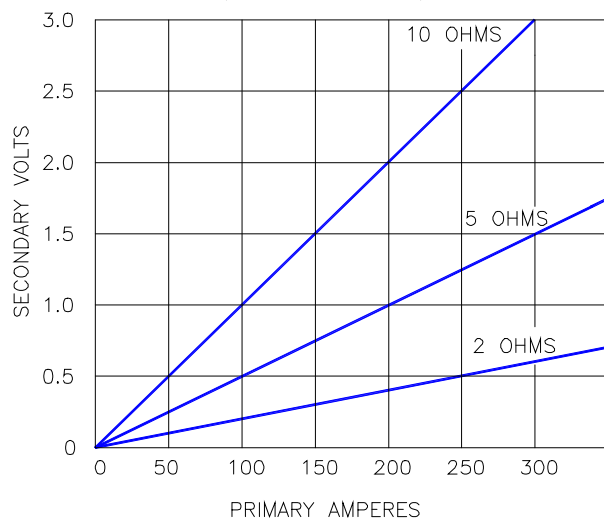
330A at 30°C. amb.

250A at 55°C. amb.

Flexible leads are UL 1015, 105°C, CSA approved, #18 AWG, 24" long unless otherwise specified.

Approximate weight 0.63 lbs.

TYPICAL PERFORMANCE CHARACTERISTICS
(WITH 1000 TURNS)



CATALOG NUMBER	CURRENT RATIO	BURDEN VA	ACCURACY AT 60 HZ
610-1000T	1000 TURNS	-	-
610-500T	500 TURNS	-	-

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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. It incorporates a snap fit between the fixed and removable sections.

This transformer 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.

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.

