GE

Energy Connections

Model 610

Current Transformer
High Accuracy Split Core Window Size 1.30” x 1.47”

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

330 A at 30 °C. amb
250 A 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.

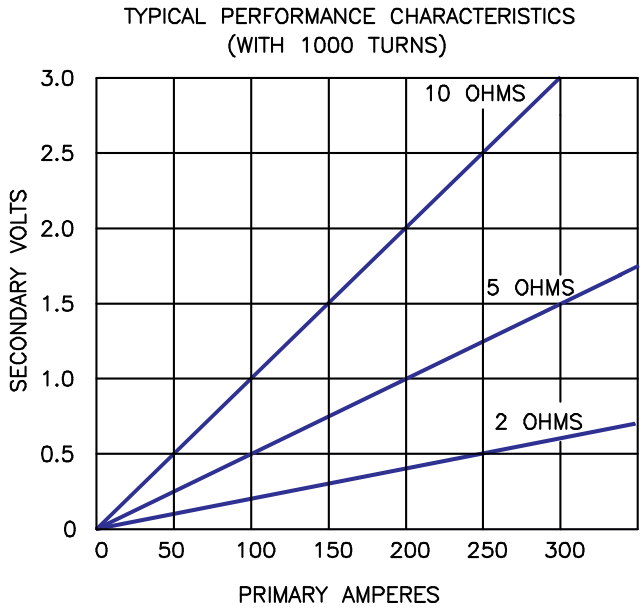
Model 610

Catalog Number	Current Ratio	Burden VA	Accuracy at 60 Hz
610-1000T	1,000 Turns	-	-
610-500T	500 Turns	-	-

REGULATORY AGENCY APPROVALS

E93779 LR89403

Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1



Model 610 High Accuracy Split Core

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.

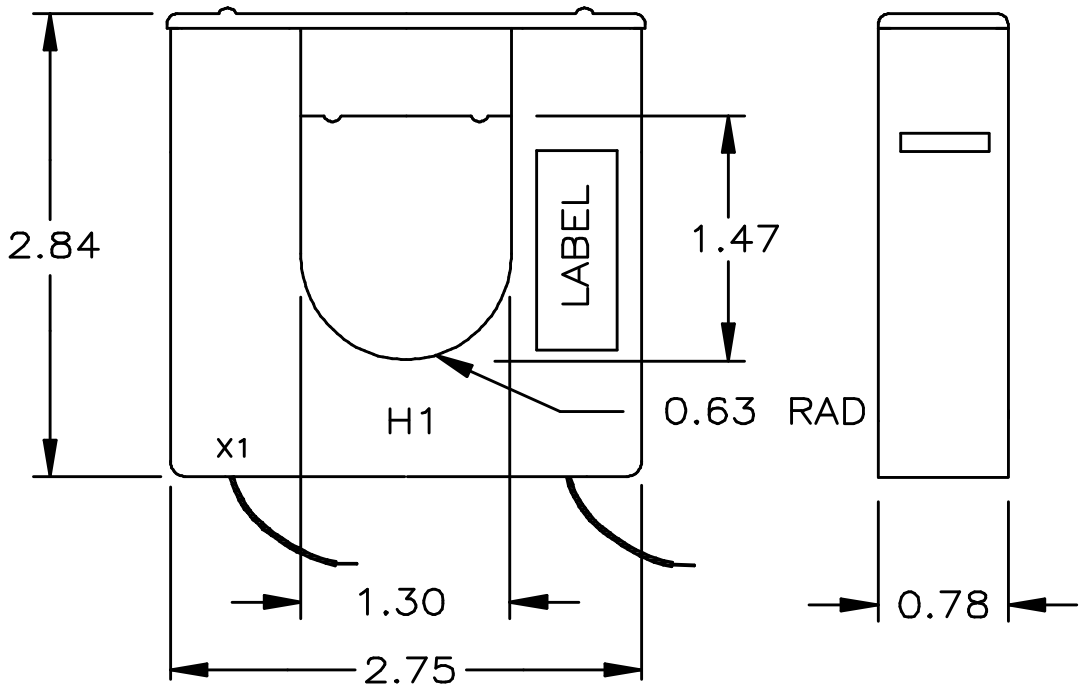
This transformer is intended for use with high input impedance devices that require signal voltages up to 5 VAC.

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.



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