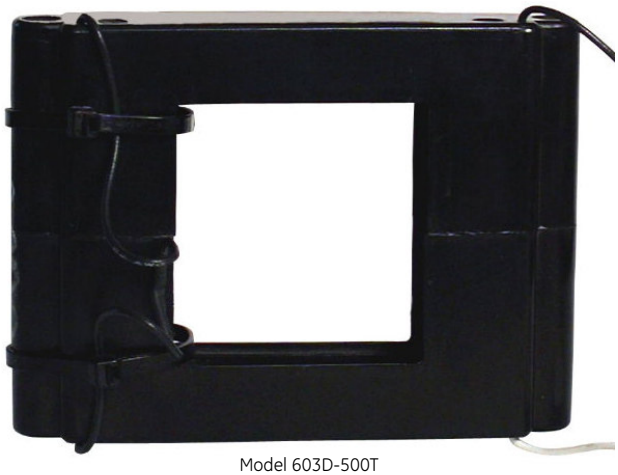
Current Transformer
Models 603-500T & 603D-500T Split Core
Window Size 2.00" x 1.00", 2.00"x 2.00"

REGULATORY AGENCY APPROVALS

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

Model 603-500T



Model 603D-500T

APPLICATION:
For energy management systems and instrumentation equipment having a no return high input impedance, eg. 14K ohms minimum.

FREQUENCY:
50-400 Hz.

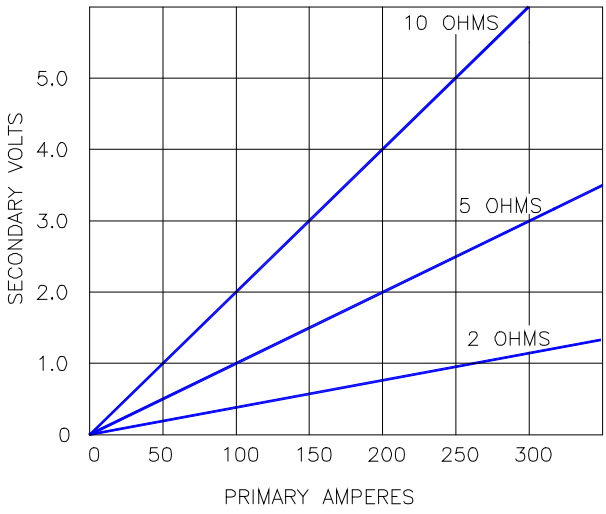
INSULATION LEVEL:
0.6 kV, BIL 10 kV full wave.

CONTINUOUS THERMAL CURRENT RATING FACTOR:
Model 603:
350A at 30°C. amb. 260A at 55°C. amb.

Flexible leads are UL 1015, 105°C , CSA approved, #22 AWG, 24" long unless otherwise specified.

Approximate Weight:
Model 603-500T.....0.63 lbs.
Model 603D-500T.....0.75 lbs.

TYPICAL PERFORMANCE CHARACTERISTICS MODEL 603–500T
(WITH 500 TURNS)



CATALOG NUMBER	CURRENT RATIO	BURDEN VA	ACCURACY AT 60 HZ
603-101-1	100:1	-	-
603-201-1	200:1	-	-
603-301-1	300:1	-	-
603D-101-1	100:1	-	-
603D-201-1	200:1	-	-
603D-301-1	300:1	-	-
603D-401-1	400:1	-	-
603D-500T	500 TURNS	-	-
603D-501-1	500:1	-	-
603D-601-1	600:1	-	-

Model 603-500T & 603D-500T Split Core

These transformers are designed for assembly to an existing electrical installation without the need for dismantling the primary bus or cables.

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

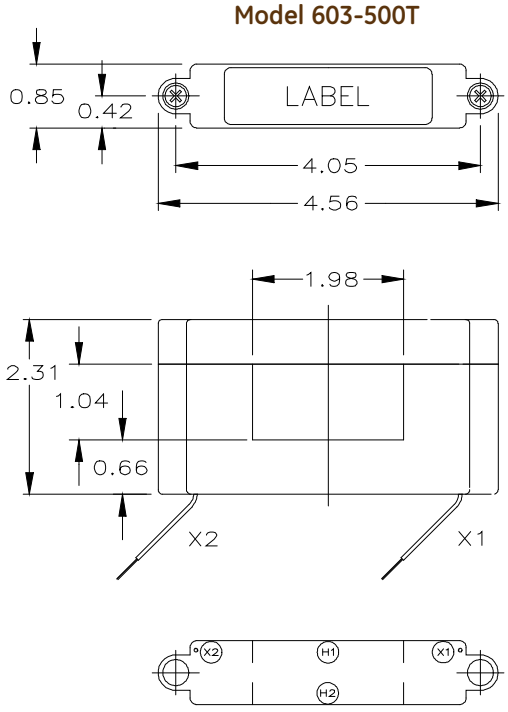
The output can be rectified and filtered for devices requiring DC input. The non-linearity and voltage drop of the rectifiers and filters must be considered in the choice of the loading impedance.

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.

Model 603-500T



Model 603D-500T