

# MODEL 603-500T & 603D-500T

## Current Transformers Split Core

Window Size 2.00" x 1.00", 2.00"x 2.00"

### Application

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

### Frequency

50-400 Hz.

### Insulation Level

0.6kV, 10 kV BIL full wave.

### Models 603-500T & 603D-500T

| 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         | -         | -                 |



603-500T



603D-500T

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

### Continuous Thermal Current Rating Factor

Model 603:

350 A at 30°C. amb.,

260 A at 55°C. amb.

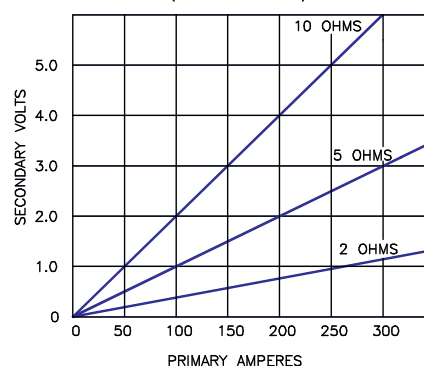
Flexible leads UL 1015, 105°C, CSA approved, #22 AWG, 24" long unless otherwise specified.

Approximate Weight:

Model 603-500T ..... 0.63 lbs.

Model 603D-500T ..... 0.75 lbs.

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



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## Models 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.

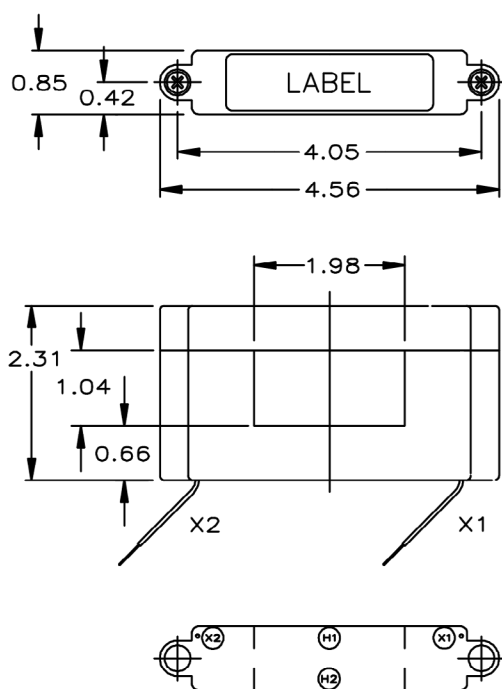
The output can be rectified and filtered for devices requiring DC input. The non-linearity and voltage drop of the rectifiers and filters must be considered in the choice of the loading impedance.

### 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*

