

# CURRENT TRANSFORMERS

## SPLIT-CORE CURRENT TRANSFORMERS

MODEL 604

### FEATURES

- Low Ratios (100:5 thru 400:5)
- Small Window Size (1.42" X 1.53")

### SPECIFICATIONS

Frequency ..... 50-400HZ  
 Insulation Class ..... 600V AC  
 Jacket ..... Noryl Polyethylene  
 Flame Class - 94HP  
 105° C

Terminals ..... Brass Studs No. 10-32 UNF  
 Weight ..... Approximately 2.5 Lbs.  
 Output ..... 0-5 Amps AC

Model Number	Current Ratio	Burden VA	Accuracy at 60Hz
604-101	100:5	1	± 5%
604-151	150:5	1	± 4%
604-201	200:5	1	± 2%
* 604-251	250:5	2	± 2%
* 604-301	300:5	2	± 1.5%
* 604-401	400:5	2.5	± 1.5%

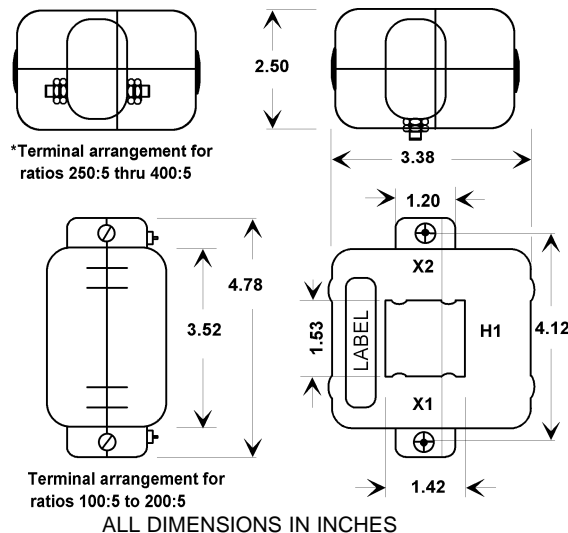
Designed to be assembled around an existing (insulated) energized conductor. **Caution:** The secondary terminals must be short circuited or the burden connected to the C.T. prior to installation. Proper safety precautions must be followed during installation. For indoor use only.

### APPLICATIONS

- Energy Management Systems
- Analog Panel Meters
- Current Transducers



### DIMENSIONS



## SPLIT-CORE CURRENT TRANSFORMER

MODEL CTI

### FEATURES

- Easy Installation (Split-Core)
- Low Ratios (100,150, 200, 250, 300, 400:5A)
- 5 Amp Secondary

### SPECIFICATIONS

Frequency ..... 50-400Hz  
 Isolation ..... 600V class  
 Case Material ..... ABS  
 Termination ..... 30" 14AWG Wires  
 Weight ..... 1 Lb.  
 Output ..... 0-5 Amps AC

Model Number	Current Ratio	Burden VA	Accuracy at 60Hz
CTI-100	100:5	.50	± 3%
CTI-150	150:5	.75	± 2%
CTI-200	200:5	1.0	± 1%
CTI-250	250:5	2.0	± 1%
CTI-300	300:5	2.0	± 1%
CTI-400	400:5	2.5	± 1%

**Caution:** It is recommended that the incoming power be de-energized before installation. The Model CTI must have its secondary terminals shorted or the burden connected, BEFORE ENERGIZING the primary. INDOOR USE ONLY.

### APPLICATIONS

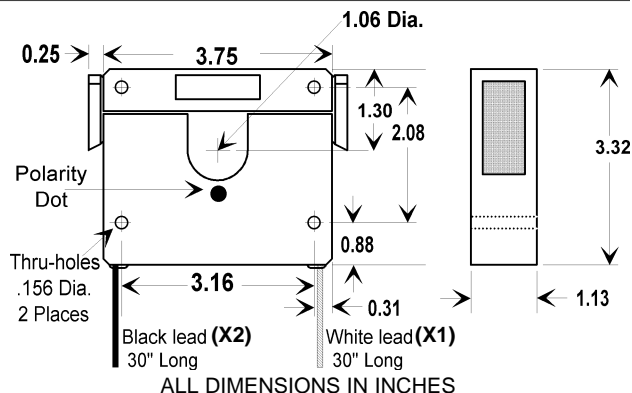
- Current Measurement
- Power Measurement

### ORDERING INFORMATION

Example: 200A input with 5A output.  
**CTI-200**



### DIMENSIONS



**FLEX-CORE®**

Div. Morlan & Associates, Inc.

6625 McVey Blvd. Columbus, Ohio 43235

WWW.FLEX-CORE.COM

flexcore@msn.com

PHONE (614) 889-6152

TECH. ASSISTANCE (614) 876-8308

FAX # (614) 876-8538