

# CURRENT TRANSFORMER

## Model CTWH3-A-60-T90

*Wound primary CT*

REGULATORY AGENCY APPROVALS



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

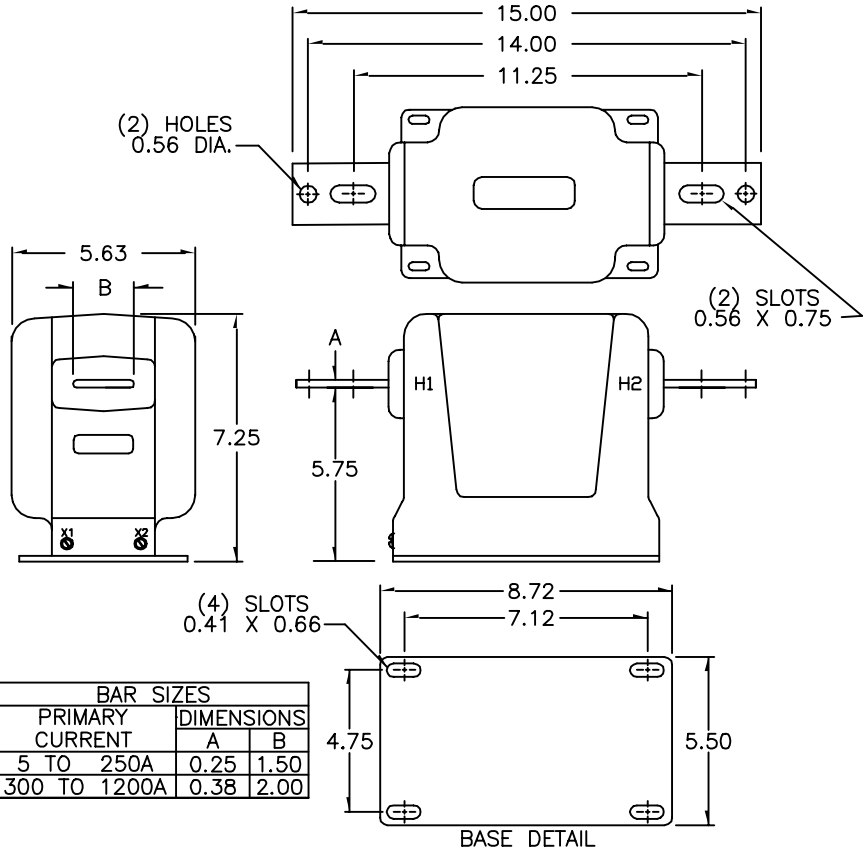
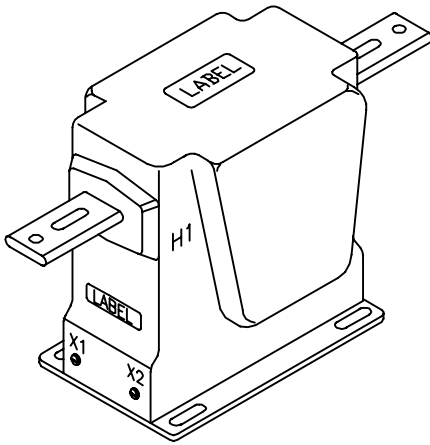
**APPLICATION:**  
High accuracy metering and relaying.

**FREQUENCY:**  
50-400 Hz.

**MAXIMUM SYSTEM VOLTAGE:**  
5.6kV, BIL 60kV full wave.

**CONTINUOUS THERMAL CURRENT RATING FACTOR:**  
1.33 at 30°C. amb., 1.0 at 55°C. amb.  
400:5-  
1.1 at 30°C. amb., 0.85 at 55°C. amb.

- Primary terminals are plated copper bars. See chart below for sizes.
- Secondary terminals are brass screws No. 10-32 with one flatwasher and lockwasher.
- Vacuum cast in polyurethane resin.
- Other ratios, secondary currents and dual ratios are available. Refer to factory.
- The transformers are tested for partial discharge to Canadian Standards CAN3-C13-M83. This test can also be carried out to IEC requirements if requested.
- Approximate weight 41 lbs.



CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					*THERMAL CURRENT RATING 1 SECOND RMS AMPS
			B0.1	B0.2	B0.5	B0.9	B1.8	
CTWH3-A-60-T90-050	5:5	T90	0.1	0.1	0.1	0.1	0.2	470
CTWH3-A-60-T90-100	10:5	T90	0.1	0.1	0.1	0.1	0.2	900
CTWH3-A-60-T90-150	15:5	T90	0.1	0.1	0.1	0.1	0.2	1700
CTWH3-A-60-T90-200	20:5	T90	0.1	0.1	0.1	0.1	0.2	1920
CTWH3-A-60-T90-250	25:5	T90	0.1	0.1	0.1	0.1	0.2	2600
CTWH3-A-60-T90-300	30:5	T90	0.1	0.1	0.1	0.1	0.2	2900
CTWH3-A-60-T90-400	40:5	T90	0.1	0.1	0.1	0.1	0.2	3700
CTWH3-A-60-T90-500	50:5	T90	0.1	0.1	0.1	0.1	0.2	4700
CTWH3-A-60-T90-750	75:5	T90	0.1	0.1	0.1	0.1	0.2	5800
CTWH3-A-60-T90-101	100:5	T90	0.1	0.1	0.1	0.1	0.2	8600
CTWH3-A-60-T90-151	150:5	T90	0.1	0.1	0.1	0.1	0.2	12900
CTWH3-A-60-T90-201	200:5	T90	0.1	0.1	0.1	0.1	0.2	18000
CTWH3-A-60-T90-301	300:5	T90	0.1	0.1	0.1	0.1	0.2	28200
CTWH3-A-60-T90-401	400:5	T90	0.1	0.1	0.1	0.1	0.2	34000
CTWH3-A-60-T90-601	600:5	T90	0.1	0.1	0.1	0.1	0.2	51500

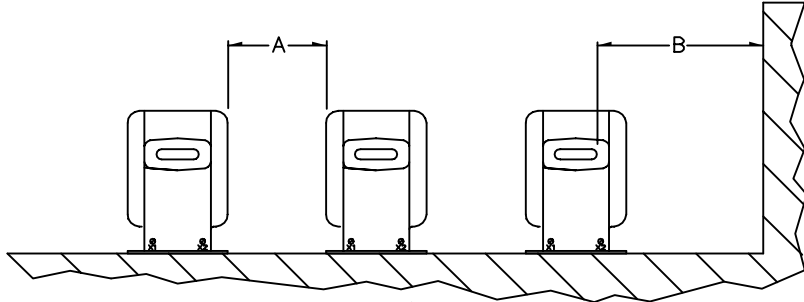
\* With a burden of B0.1 or greater connected to the secondary.

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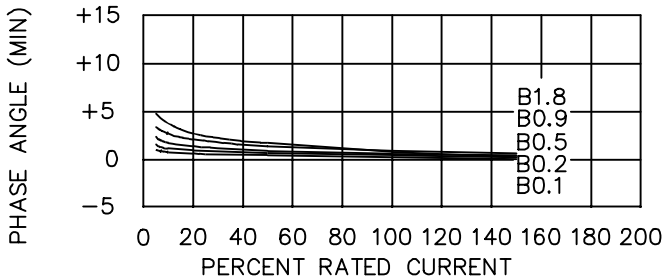
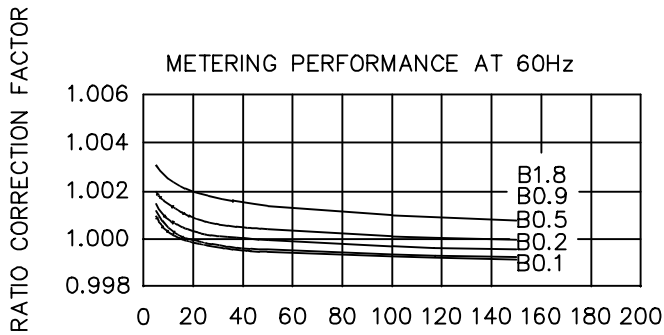
## RECOMMENDED MINIMUM SPACINGS

A; Unit to Unit  
= 0.75" minimum.

B; HV to Ground in Air  
= 3.00" minimum.



Recommended spacings are for guidance only. User needs to set appropriate values to assure performance for high potential test, impulse test, high humidity, partial discharge, high altitude, and other considerations like configuration.



TYPICAL OVERCURRENT RATIO CURVE AT 60Hz

