

**Medium Voltage  
Current Transformer  
Model CTWH3-A-60-T90 Wound Primary CT**

REGULATORY AGENCY APPROVALS



Manufactured to meet the requirements of ANSI/IEEE C57.13.



**APPLICATION:**

High accuracy metering and relaying.

**FREQUENCY:**

50-400 Hz.

**MAXIMUM SYSTEM VOLTAGE:**

5.6kV, BIL 60kV.

**CONTINUOUS THERMAL  
CURRENT RATING FACTOR:**

1.33 at 30°C amb., 1.0 at 55°C. amb.

400:5-

1.10 at 30°C. amb., 0.85 at 55°C. amb.

Primary terminals are plated copper bars. See chart next page for sizes. Secondary terminals are brass screws No. 10-32 with one flatwasher, lockwasher.

Vacuum cast in polyurethane resin.

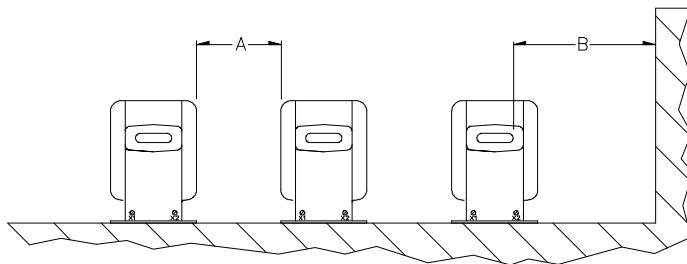
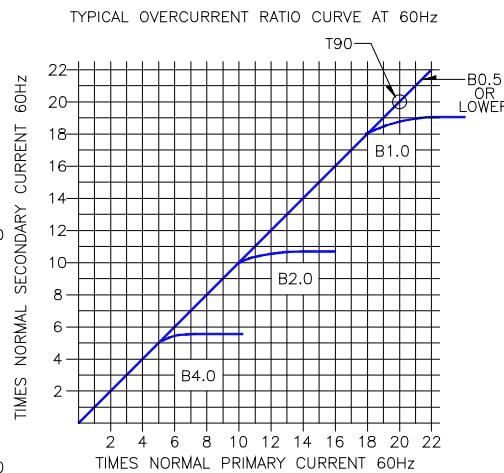
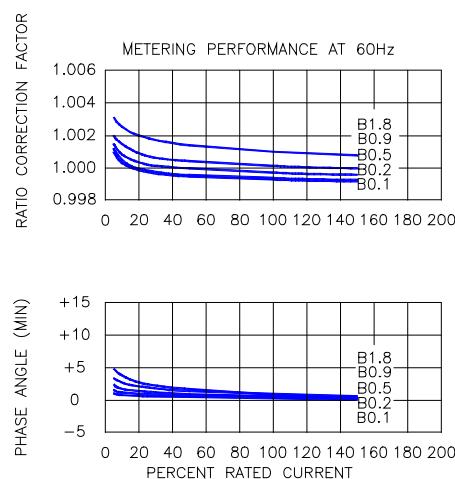
Other ratios, secondary currents and dual ratios are available. Refer to factory.

Approximate weight 41 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60HZ					* THERMAL CURRENT RATING 1 SECOND RMS AMPS
			BO.1	BO.2	BO.5	BO.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 BO.1 or greater connected to the secondary.

# Model CTWH3-A-60-T90 Wound Primary CT



## RECOMMENDED MINIMUM SPACINGS

**A** = Unit to Unit = 0.75" minimum.

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

Recommended spacing 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.

BAR SIZES		
PRIMARY CURRENT	DIMENSIONS	
	A	B
5 TO 250A	0.25	1.50
300 TO 1200A	0.38	2.00

