

MODEL CTWH3-A-60-T90

Wound Primary Current Transformer
Medium Voltage



REGULATORY AGENCY APPROVALS



E145172



LR89403

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

Application

High accuracy metering and relaying.

Frequency

50-400 Hz.

Maximum System Voltage

5.6 kV, BIL 60 kV

Continuous Thermal Rating Factor

1.33 at 30 °C., 1.0 at 55 °C.

400:5-1.10 at 30 °C., 0.85 at 55 °C.

Specifications

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



461 Boston Street, Unit E6, Topsfield, MA 01983
Toll Free (800) 644-9773 · Phone (978) 887-2020
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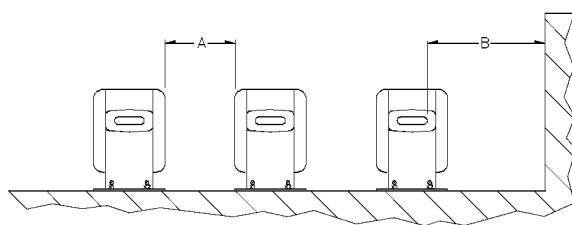
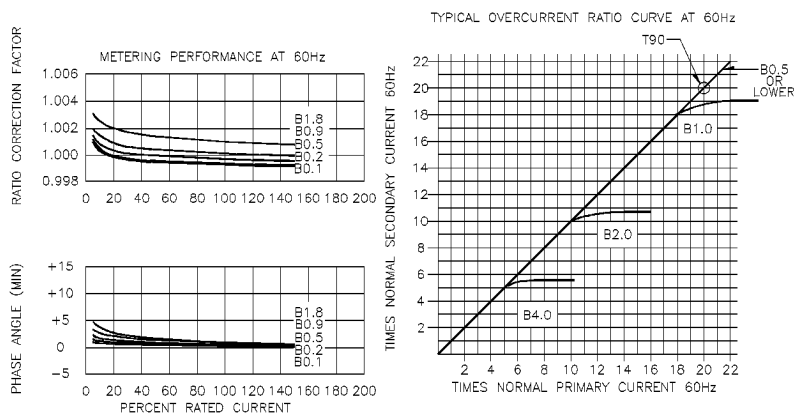
CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					** THERMAL CURRENT RATING 1 SECOND RMS Amps
			B0.1	B0.2	B0.5	B0.9	B1.8	
CTWH3-A-60-T90-050	5:5	T90	0.1	0.1	0.1	0.1	0.2	470
CTWH3-A-60-T90-100	10:5	T90	0.1	0.1	0.1	0.1	0.2	900
CTWH3-A-60-T90-150	15:5	T90	0.1	0.1	0.1	0.1	0.2	1,700
CTWH3-A-60-T90-200	20:5	T90	0.1	0.1	0.1	0.1	0.2	1,920
CTWH3-A-60-T90-250	25:5	T90	0.1	0.1	0.1	0.1	0.2	2,600
CTWH3-A-60-T90-300	30:5	T90	0.1	0.1	0.1	0.1	0.2	2,900
CTWH3-A-60-T90-400	40:5	T90	0.1	0.1	0.1	0.1	0.2	3,700
CTWH3-A-60-T90-500	50:5	T90	0.1	0.1	0.1	0.1	0.2	4,700
CTWH3-A-60-T90-750	75:5	T90	0.1	0.1	0.1	0.1	0.2	5,800
CTWH3-A-60-T90-101	100:S	T90	0.1	0.1	0.1	0.1	0.2	8,600
CTWH3-A-60-T90-151	150:5	T90	0.1	0.1	0.1	0.1	0.2	12,900
CTWH3-A-60-T90-201	200:5	T90	0.1	0.1	0.1	0.1	0.2	18,000
CTWH3-A-60-T90-301	300:5	T90	0.1	0.1	0.1	0.1	0.2	28,200
CTWH 3-A-60-T90-401	400:5	T90	0.1	0.1	0.1	0.1	0.2	34,000
CTWH3-A-60-T90-601	600:5	T90	0.1	0.1	0.1	0.1	0.2	51,500

*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 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 200 A	0.25	1.50
250 to 1,200 A	0.38	2.00

