

Medium Voltage Current Transformer Model CTWH5-B-110-T200** *Wound Primary CT*

REGULATORY AGENCY APPROVALS

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



APPLICATION:

Metering and relaying.

FREQUENCY:

50-400 Hz.

MAXIMUM SYSTEM VOLTAGE:

15.5kV, BIL 110kV.

CONTINUOUS THERMAL CURRENT RATING FACTOR:

5:5 thru 600:5-

1.50 at 30°C amb., 1.33 at 55°C. amb.

800:5 and over-

1.0 at 30°C. amb., 0.8 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 76 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	
CTWH5-B-110-T200-050	5:5	T200	0.3	0.3	0.3	0.3	0.3	470
CTWH5-B-110-T200-100	*10:5	T200	0.3	0.3	0.3	0.3	0.3	950
CTWH5-B-110-T200-150	*15:5	T200	0.3	0.3	0.3	0.3	0.3	1440
CTWH5-B-110-T200-200	*20:5	T200	0.3	0.3	0.3	0.3	0.3	1840
CTWH5-B-110-T200-250	*25:5	T200	0.3	0.3	0.3	0.3	0.3	2670
CTWH5-B-110-T200-300	*30:5	T200	0.3	0.3	0.3	0.3	0.3	2920
CTWH5-B-110-T200-400	*40:5	T200	0.3	0.3	0.3	0.3	0.3	3700
CTWH5-B-110-T200-500	*50:5	T200	0.3	0.3	0.3	0.3	0.3	4700
CTWH5-B-110-T200-750	*75:5	T200	0.3	0.3	0.3	0.3	0.3	7575
CTWH5-B-110-T200-101	*100:5	T200	0.3	0.3	0.3	0.3	0.3	12940
CTWH5-B-110-T200-151	*150:5	T200	0.3	0.3	0.3	0.3	0.3	14375
CTWH5-B-110-T200-201	*200:5	T200	0.3	0.3	0.3	0.3	0.3	25875
CTWH5-B-110-T200-301	*300:5	T200	0.3	0.3	0.3	0.3	0.3	27520
CTWH5-B-110-T200-401	*400:5	T200	0.3	0.3	0.3	0.3	0.3	40350
CTWH5-B-110-T200-601	*600:5	T200	0.3	0.3	0.3	0.3	0.3	66225
CTWH5-B-110-T200-801	*800:5	T200	0.3	0.3	0.3	0.3	0.3	66225
CTWH5-B-110-T200-102	*1000:5	T200	0.3	0.3	0.3	0.3	0.3	66225
CTWH5-B-110-T200-122	*1200:5	T200	0.3	0.3	0.3	0.3	0.3	66225

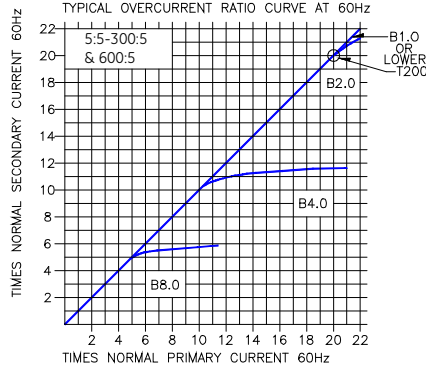
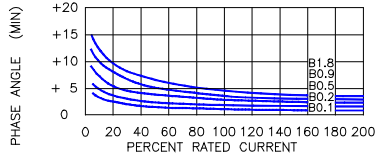
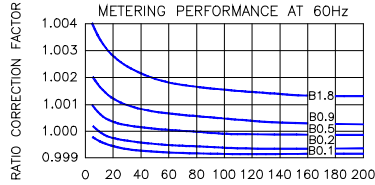
All primary voltages marked with an () are approved for revenue metering in Canada by Industry Canada, Approval No. AE-0640 Rev.1.

**Replaces Model CTWH5-110-T200. A test card is provided with each unit.

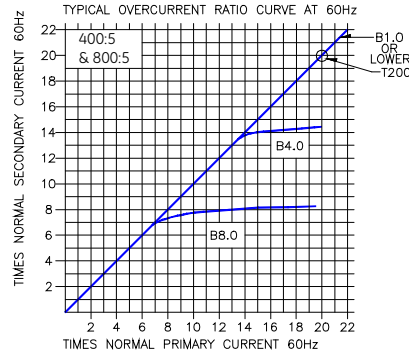
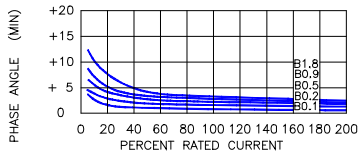
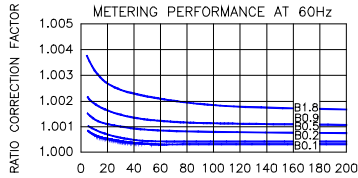
***With a burden of 0.35 Ohms or greater connected to the secondary.

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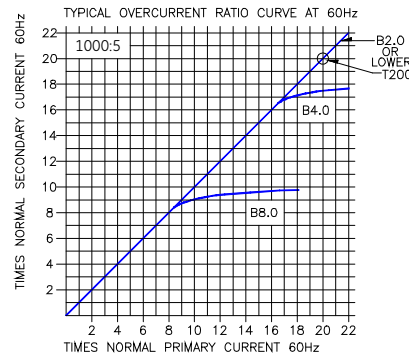
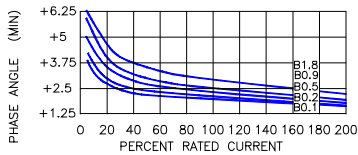
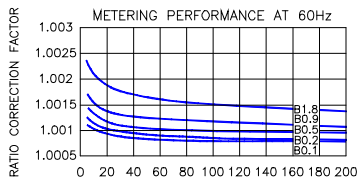
Ratios 5:5-300:5 & 600:5



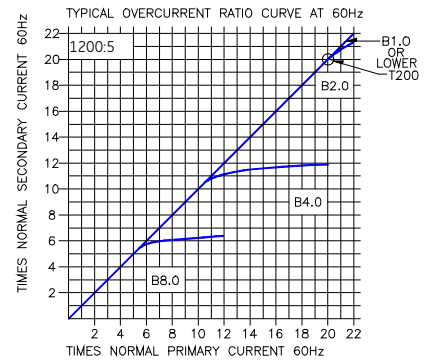
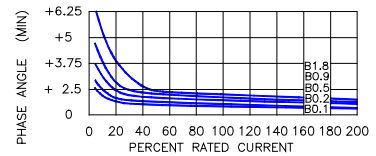
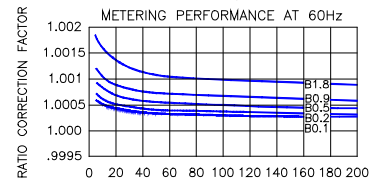
Ratios 400:5 & 800:5



Ratio 1000:5

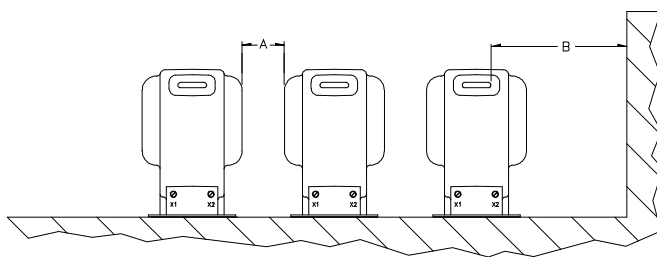


Ratio 1200:5



BAR SIZES

PRIMARY CURRENT	DIMENSIONS	
	A	B
5 TO 200A	0.25	1.50
300 TO 1200A	0.38	2.00



RECOMMENDED MINIMUM SPACINGS

A = Unit to Unit = 1.50" minimum.

B = HV to Ground in Air = 6.50" 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.

