

# Medium Voltage Current Transformer Model CTWH7-150-T200 *Wound Primary CT*

REGULATORY AGENCY APPROVALS



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



**Note:** 200 kV BIL is available.  
Except for 3000:5 ratio.

**APPLICATION:**  
Metering and relaying.

**FREQUENCY:**  
50-400 Hz.

**MAXIMUM SYSTEM VOLTAGE:**  
36.5kV, BIL 150kV full wave.

**CONTINUOUS THERMAL  
CURRENT RATING FACTOR:**  
1.50 at 30°C amb., 1.33 at 55°C. amb.

2000:5 - 1.33 at 30°C amb., 1.00 at 55°C. amb.

2500:5 and 3000:5 - 1.00 at 30°C amb., 0.85 at 55°C. amb.

Primary terminals are plated copper bars, configured as specified.

Secondary terminals are brass screws No. 10-32 with one flatwasher and lockwasher.

Vacuum cast polyurethane resin.

Dual bar spacing is 1/2 inch.

Approximate weight: 180 lbs.

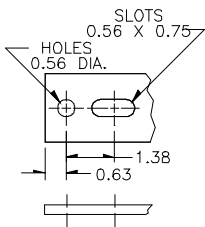
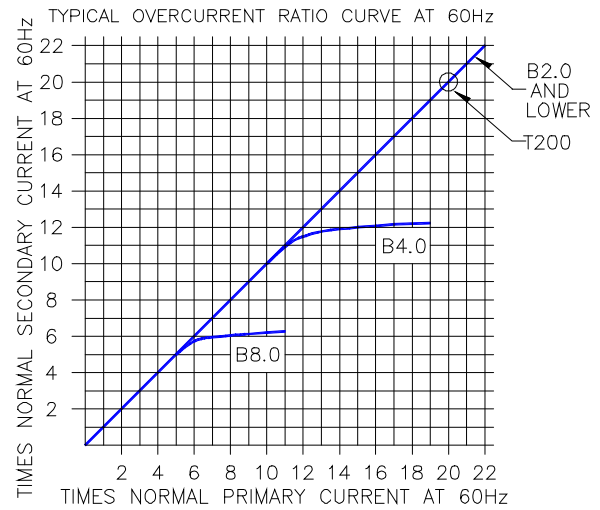
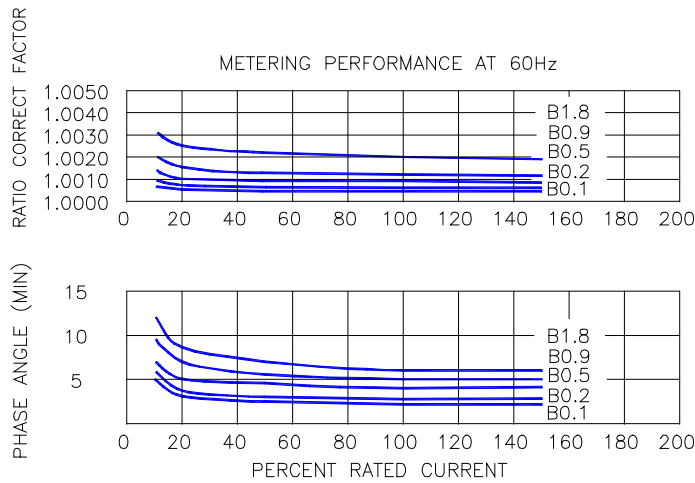
CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60HZ					* THERMAL CURRENT RATING 1 SECOND RMS AMPS
			B0.1	B0.2	B0.5	B0.9	B1.8	
CTWH7-150-T200-801-**	800:5	T200	0.3	0.3	0.3	0.3	0.3	87000
CTWH7-150-T200-102-**	1000:5	T200	0.3	0.3	0.3	0.3	0.3	133000
CTWH7-150-T200-122-**	1200:5	T200	0.3	0.3	0.3	0.3	0.3	133000
CTWH7-150-T200-152-**	1500:5	T200	0.3	0.3	0.3	0.3	0.3	266000
CTWH7-150-T200-202-**	2000:5	T200	0.3	0.3	0.3	0.3	0.3	266000
CTWH7-150-T200-252-**	2500:5	T200	0.3	0.3	0.3	0.3	0.3	266000
CTWH7-150-T200-302-**	3000:5	T200	0.3	0.3	0.3	0.3	0.3	358000

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

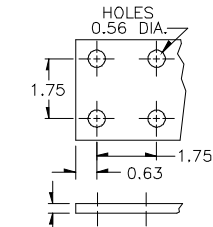
\*\*Specify primary bus arrangement number (1 through 8).

Approved for revenue metering by Industry Canada No. AE-0638 Rev. 1

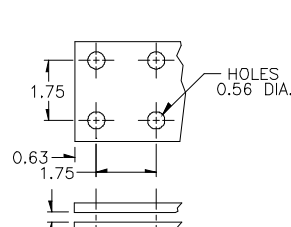
# Model CTWH7-150-T200 Wound Primary CT



**FIG.A**



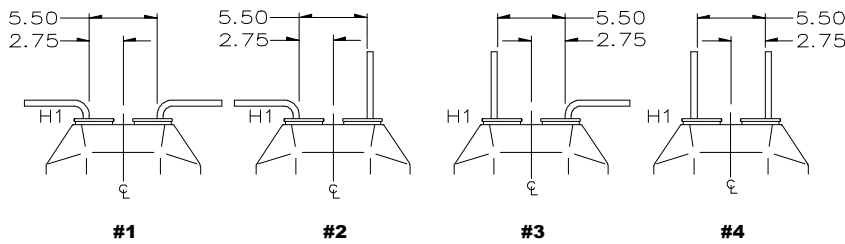
**FIG.B**



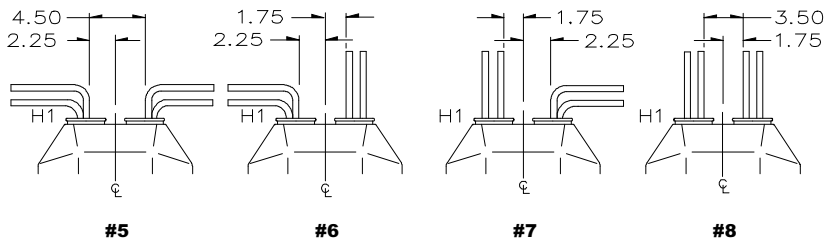
**FIG.C**

RATIO	PRIMARY TERMINALS	FIG.
800:5	ONE 1/2 x 2	A
1000:5	ONE 1/2 x 3	B
1200:5	ONE 1/2 x 3	B
1500:5	TWO 1/2 x 3	C
2000:5	TWO 1/2 x 3	C
2500:5	TWO 1/2 x 3	C
3000:5	TWO 1/2 x 4	C

**ALL BARS HAVE FULL RADIUS EDGE**



## Primary Bar Arrangements



## RECOMMENDED MINIMUM SPACINGS

**A** = Unit to Unit = 11.50" minimum.

**B** = HV to Ground in Air = 11.50" 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.

