Grid Solutions

MODEL CTWH7-150-T200

Wound Primary

Medium Voltage
Current Transformer

Note: 200 kV BIL is available. Except for 3,000:5 ratio.

REGULATORY AGENCY APPROVALS

E145172 LR89403

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

Application

Metering and relaying.

Frequency

50-400 Hz

Maximum System Voltage

36.5 kV, BIL 150 kV full wave.

Continuous Thermal Current Rating Factor

1.50 at 30 °C., 1.33 at 55 °C.

2,000:5 - 1.33 at 30 °C., 1.00 at 55 °C.

2,500:5 and 3,000:5 - 1.00 at 30 °C., 0.85 at 55 °C.

Specifications

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 bars spacing is 1/2 inch.

Approximate weight 180 lbs.

Model CTWH7-150-T20

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	
CTWH 7-150-T200-801-**	800:5	T200	0.3	0.3	0.3	0.3	0.3	87,000
CTWH 7-150-T200-102-**	1000:5	T200	0.3	0.3	0.3	0.3	0.3	133,000
CTWH 7-150-T200-122-**	1,200:5	T200	0.3	0.3	0.3	0.3	0.3	133,000
CTWH 7-150-T200-152-**	1,500:5	T200	0.3	0.3	0.3	0.3	0.3	266,000
CTWH 7-150-T200-202-**	2,000:5	T200	0.3	0.3	0.3	0.3	0.3	266,000
CTWH 7-150-T200-252-**	2,500:5	T200	0.3	0.3	0.3	0.3	0.3	266,000
CTWH 7-150-T200-302-**	3,000.5	T200	0.3	0.3	0.3	0.3	0.3	358,000

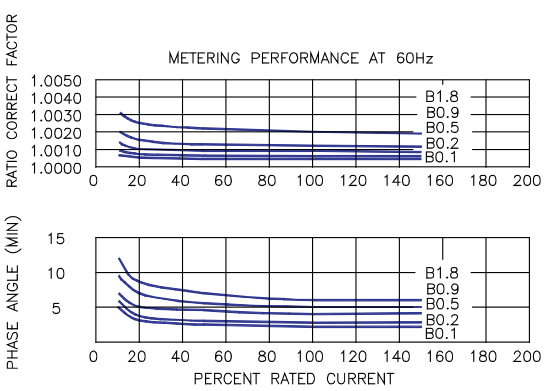
**With a burden of B0.1 or greater connected to the secondary*

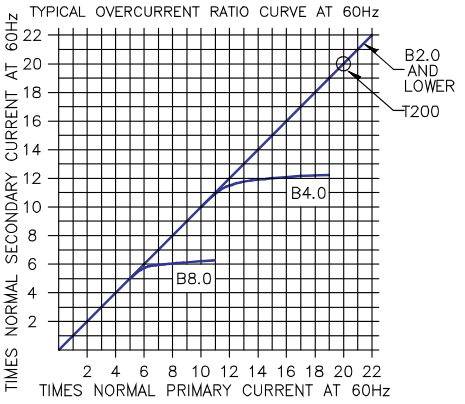
***Specify primary bus arrangement number (1 through 8).*

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

GE VERNOVA

Model CT Model CTWH6-125-T200 WH6-125-T200 Wound Primary CT





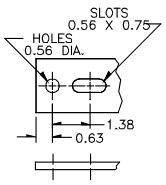


FIG.A

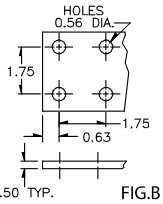


FIG.B

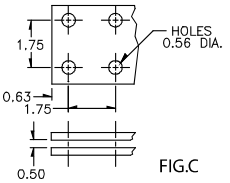
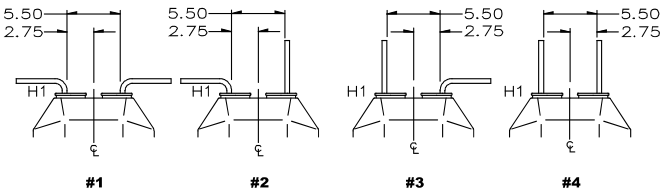
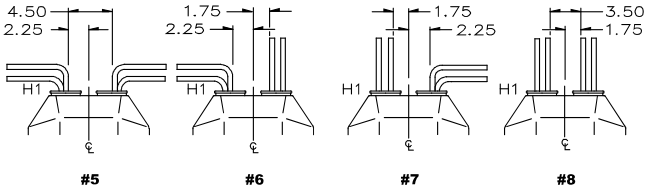


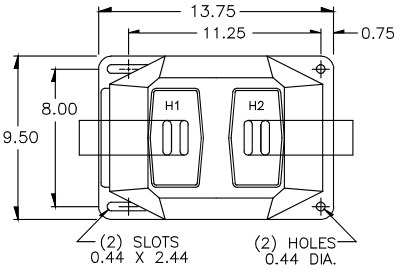
FIG.C

Ratio	Primary Terminals	Fig
800:5	One 1/2 X 2	A
1,000:5	One 1/2 X 3	B
1,200:5	One 1/2 X 3	B
1,500:5	Two 1/2 X 3	C
2,000:5	Two 1/2 X 3	C
2,500:5	Two 1/2 X 3	C
3,000:5	Two 1/2 X 4	C



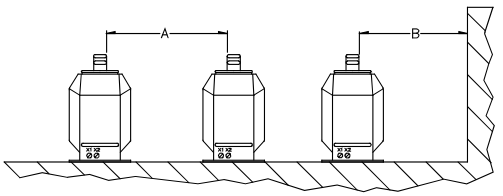
Primary Bar Arrangements

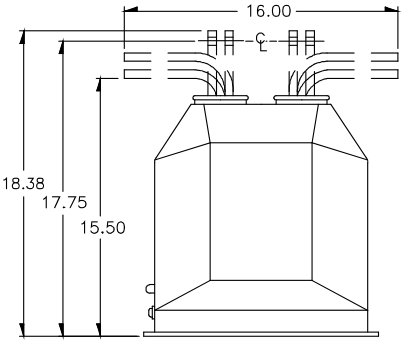




RECOMMENDED MINIMUM SPACINGS

***A**= Unit to Unit= 8.50" minimum.*
***B** = HV to Ground in Air= 8.50" 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.





For more information, visit
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