Grid Solutions

MODEL CTWH6-125-T200

Wound Primary Current Transformer Medium Voltage

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

25.5 kV, BIL 125 kV full wave.

Continuous Thermal Current Rating Factor

1.50 at 30°C amb., 1.33 at 55°C. amb.

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

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

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 150 lbs.

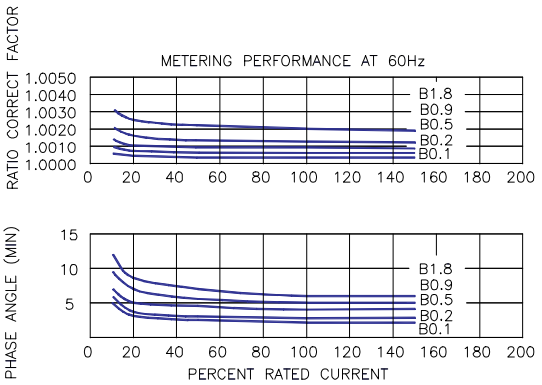
Model CTWH6-125-T200

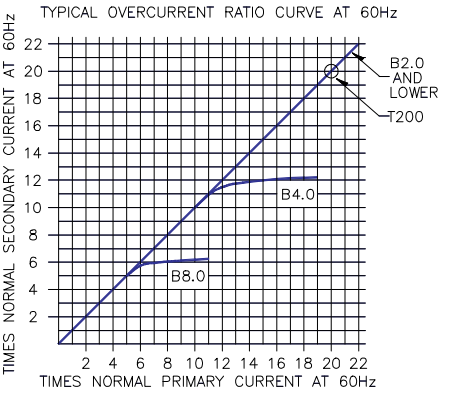
CATALOG NUMBER**	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					*THERMAL CURRENT RATING 1 SECOND RMS Amps
			B0.1	B0.2	B0.5	B0.9	B1.8	
CTWH6-125-T200-801-**	800:5	T200	0.3	0.3	0.3	0.3	0.3	87,000
CTWH6-125-T200-102-**	1,000:5	T200	0.3	0.3	0.3	0.3	0.3	133,000
CTWH6-125-T200-122-**	1,200:5	T200	0.3	0.3	0.3	0.3	0.3	133,000
CTWH6-125-T200-152-**	1,500:5	T200	0.3	0.3	0.3	0.3	0.3	266,000
CTWH6-125-T200-202-**	2,000:5	T200	0.3	0.3	0.3	0.3	0.3	266,000
CTWH6-125-T200-252-**	2,500:5	T200	0.3	0.3	0.3	0.3	0.3	266,000
CTWH6-125-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).*

GE VERNOVA

Model CTWH6-125-T200 Wound Primary CT





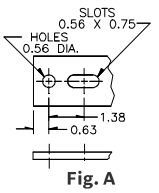


Fig. A

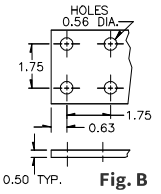


Fig. B

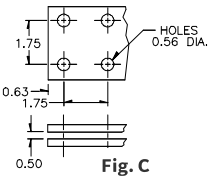
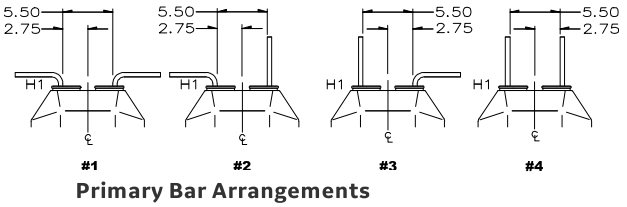
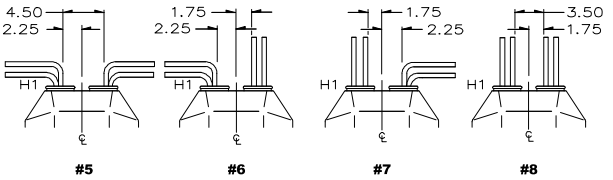


Fig. C



Primary Bar Arrangements

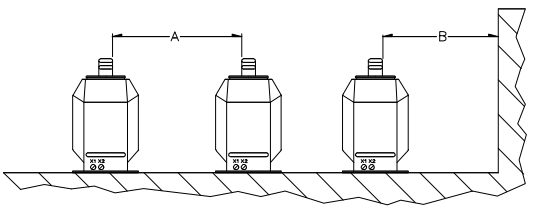


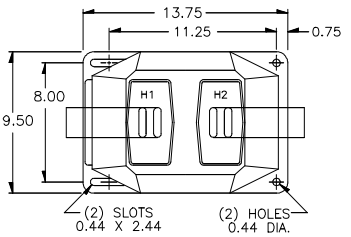
RATIO	PRIMARY TERMINALS	FIG
800:5	One 1/2 X 2	A
1,000:5	One 1/2 X 3	B
1,200:5	One 1/2 X 3	B
1,500:5	Two 1/2 X 3	C
2,000:5	Two 1/2 X 3	C
2,500:5	Two 1/2 X 3	C
3,000:5	Two 1/2 X 4	C

RECOMMENDED MINIMUM SPACINGS

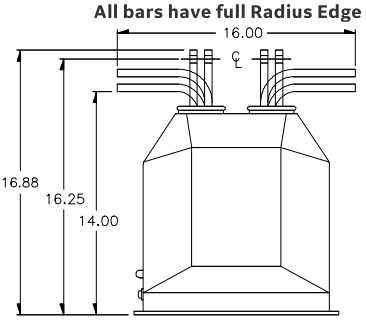
A = Unit to Unit = 8.50” minimum.
B = HV to Ground in Air = 8.50” minimum.

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.





All bars have full Radius Edge



For more information, visit
gevernova.com/grid-solutions

Instrument Transformers LLC reserve the right to change specifications of described products at any time without notice and without obligation to notify any person of such changes.

GEA-N50417
English
251016

GE VERNOVA