

CURRENT TRANSFORMERS

Model 550

Window Sizes Available up to 10" x 30"

REGULATORY AGENCY APPROVALS



Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1



Approximate weight 8 to 18 lbs.

APPLICATION:

Metering.

FREQUENCY:

50-400 Hz.

INSULATION LEVEL:

600 Volts, 10 kV BIL full wave.

CONTINUOUS THERMAL

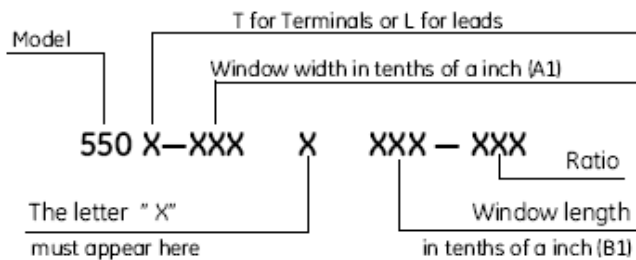
CURRENT RATING FACTOR:

1.33 at 30oC. amb., 1.0 at 55oC. amb.

Terminals are brass studs No. 8-32 with one flatwasher, lockwasher and regular nut.

Flexible leads are UL 1015, 105oC, CSA approved, 18 AWG, 24. long.

HOW TO ORDER RECTANGULAR C.T.'S



Example: 550T—041 X 117—122 is a 1200:5 Amp CT with a 4.1" X 11.7" window. The accuracy table below is for 550T—041 X 117.
See page 32 for accuracy table for 550T—101 X 117 and the 550T—101 X 301. Accuracy for other sizes are available from the factory.
The dimensions in the table at right are standard sizes. Other window lengths (B1) may be accommodated on special order. Window widths (A1) other than those listed are not available.

CURRENT RATIO AMPERES	VA FOR 1% CLASS	ANSI METERING CLASS AT 60HZ		
		BO.1	BO.2	BO.5
300:5	1.5	4.8	4.8	-
400:5	2.5	2.4	4.8	4.8
500:5	5.0	1.2	2.4	4.8
600:5	7.5	1.2	2.4	2.4
750:5	15.0	1.2	1.2	2.4
800:5	15.0	0.6	1.2	2.4
1000:5	20.0	0.6	0.6	0.6
1200:5	25.0	0.6	0.6	0.6
1500:5	35.0	0.6	0.6	0.6
1600:5	40.0	0.6	0.6	0.6
2000:5	50.0	0.6	0.6	0.6
2500:5	60.0	0.6	0.6	0.6
3000:5	70.0	0.6	0.6	0.6
3500:5	80.0	0.6	0.6	0.6
4000:5	100.0	0.6	0.6	0.6
5000:5	100.0	0.6	0.6	0.6

DIMENSIONS						MAX. RATIO
"A1"	"A2"	"A3"	"B1"	"B2"	"B3"	
4.1	6.4	7.3	7.1	10.0	10.9	4000:5
4.1	6.4	7.3	11.7	14.5	15.4	8000:5
4.1	6.4	7.3	14.1	17.0	17.9	8000:5
4.1	6.4	7.3	18.1	21.0	21.9	8000:5
4.1	6.4	7.3	24.0	27.0	27.9	10000:5
4.1	6.4	7.3	30.1	33.0	33.9	10000:5
5.1	7.2	8.3	7.1	10.0	10.9	4000:5
5.1	7.2	8.3	11.7	14.5	15.4	8000:5
5.1	7.2	8.3	14.1	17.0	17.9	8000:5
5.1	7.2	8.3	18.1	21.0	21.9	8000:5
5.1	7.2	8.3	24.0	27.0	27.9	10000:5
5.1	7.2	8.3	30.1	33.0	33.9	10000:5
5.8	7.0	9.0	7.1	10.0	10.9	4000:5
5.8	7.0	9.0	11.7	14.5	15.4	8000:5
5.8	7.0	9.0	14.1	17.0	17.9	8000:5
5.8	7.0	9.0	18.1	21.0	21.9	8000:5
5.8	7.0	9.0	24.0	27.0	27.9	10000:5
5.8	7.0	9.0	30.1	33.0	33.9	10000:5
8.0	9.5	11.1	7.1	10.0	10.9	4000:5
8.0	9.5	11.1	11.1	14.5	15.4	8000:5
8.0	9.5	11.1	14.1	17.0	17.9	8000:5
8.0	9.5	11.1	18.1	21.0	21.9	8000:5
8.0	9.5	11.1	24.0	27.0	27.9	10000:5
8.0	9.5	11.1	30.1	33.0	33.9	10000:5
10.1	11.6	13.2	7.1	10.0	10.9	4000:5
10.1	11.6	13.2	11.7	14.5	15.4	8000:5
10.1	11.6	13.2	14.1	17.5	17.9	8000:5
10.1	11.6	13.2	18.1	21.0	21.9	8000:5
10.1	11.6	13.2	24.0	27.0	27.9	10000:5
10.1	11.6	13.2	30.1	33.0	33.9	10000:5

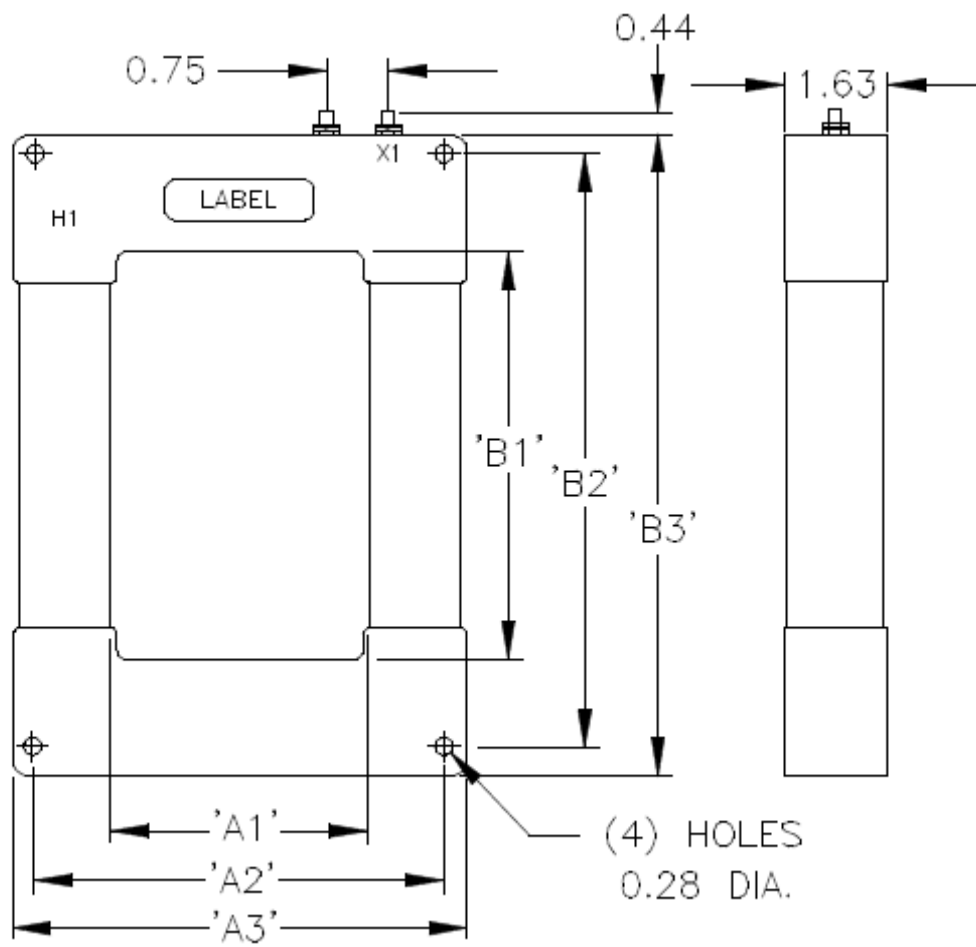
Model 510

Model 550T-101 x 117

CURRENT RATIO AMPERES	VA FOR 1% CLASS	ANSI METERING CLASS AT 60HZ		
		BO.1	BO.2	BO.5
400:5	2.5	4.8	4.8	-
500:5	5.0	2.4	4.8	-
600:5	7.5	1.2	2.4	4.8
750:5	15.0	1.2	2.4	4.8
800:5	15.0	0.6	1.2	2.4
1000:5	20.0	0.6	0.6	1.2
1200:5	25.0	0.6	0.6	0.6
1500:5	35.0	0.6	0.6	0.6
1600:5	40.0	0.6	0.6	0.6
2000:5	50.0	0.6	0.6	0.6
2500:5	60.0	0.6	0.6	0.6
3000:5	70.0	0.6	0.6	0.6
3500:5	80.0	0.6	0.6	0.6
4000:5	100.0	0.6	0.6	0.6
5000:5	100.0	0.6	0.6	0.6

Model 550T-101 x 301

CURRENT RATIO AMPERES	VA FOR 1% CLASS	ANSI METERING CLASS AT 60HZ		
		BO.1	BO.2	BO.5
500:5	15.0	1.2	2.4	4.8
600:5	15.0	0.6	1.2	2.4
750:5	20.0	0.6	1.2	2.4
800:5	20.5	0.6	0.6	1.2
1000:5	25.0	0.6	0.6	1.2
1200:5	25.0	0.6	0.6	0.6
1500:5	30.0	0.6	0.6	0.6
1600:5	35.0	0.6	0.6	0.6
2000:5	40.0	0.6	0.6	0.6
2500:5	45.0	0.6	0.6	0.6
3000:5	50.0	0.6	0.6	0.6
3500:5	60.0	0.6	0.6	0.6
4000:5	70.0	0.6	0.6	0.6
5000:5	80.0	0.6	0.6	0.6



CURRENT TRANSFORMERS
Model RT4011



WINDOW SIZE: 4.00" x 11.00"

INSULATION CLASS:

0.6kV.BIL 10kV. Full wave

50-400 Hz

APPLICATION: For Ammeters, Watthour Meters, Wattmeters.

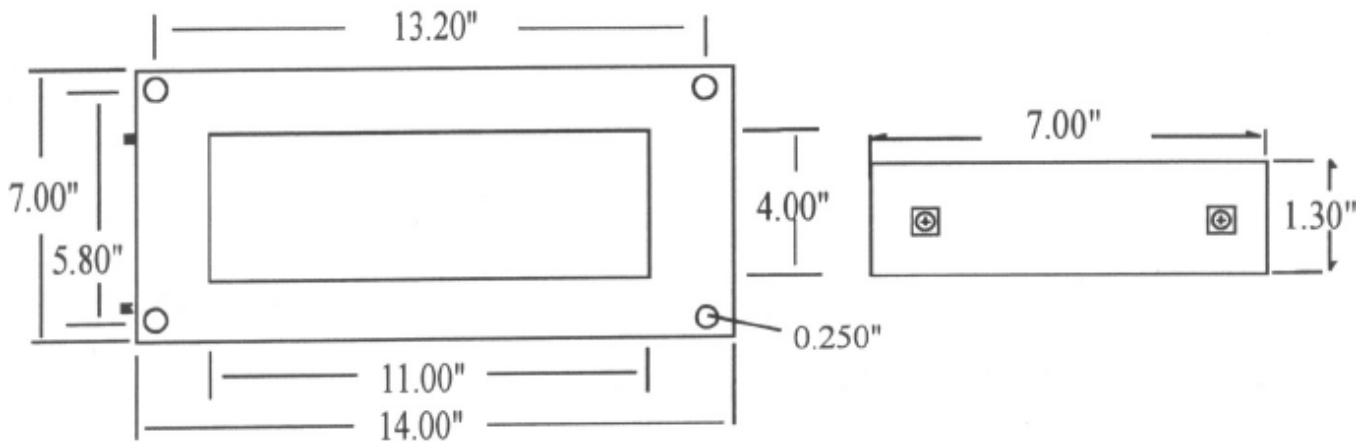
Fully Encapsulated.

Indoor/outdoor applications

CONTINUOUS THERMAL RATING:

1.33 AT 30C. amb.; 1.0 AT 55 C. amb. Average.

Standard 5-amp secondary. - Others Available



Model RT4011-**

- Terminals are brass. No 10-32 UNC
- Additional ratios available
- Approximate weight 7 lbs.
- Made in United States of America

NOTE: 2400:5 and up has an Rf. Of 1 @ 30C. amb.

Similar to ITI Model 550

CATALOG NUMBER	CURRENT RATIO AMPERES	V.A. FOR +- 1% CLASS	ANSI METERING CLASS AT 60 Hz				
			BO.1	BO.2	BO.5	BO.9	B1.8
** -300	300:5	5.0	2.4	-	-	-	-
** -400	400:5	5.0	2.4	4.8	-	-	-
** -500	500:5	7.0	1.2	2.4	4.8	-	-
** -600	600:5	10.0	1.2	1.2	2.4	4.8	-
** -750	750:5	15.0	0.6	1.2	1.2	2.4	4.8
** -800	800:5	20.0	0.6	0.6	1.2	1.2	2.4
** -1000	1000:5	25.0	0.3	0.3	0.6	0.6	1.2
** -1200	1200:5	25.0	0.3	0.3	0.6	0.6	1.2
** -1500	1500:5	30.0	0.3	0.3	0.3	0.6	0.6
** -1600	1600:5	30.0	0.3	0.3	0.3	0.6	0.6
** -2000	2000:5	35.0	0.3	0.3	0.3	0.6	0.6
** -2500	2500:5	35.0	0.3	0.3	0.3	0.3	0.6
** -3000	3000:5	40.0	0.3	0.3	0.3	0.3	0.6
** -3500	3500:5	40.0	0.3	0.3	0.3	0.3	0.6
** -4000	4000:5	50.0	0.3	0.3	0.3	0.3	0.6