

Current Transformer 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



APPLICATION:
Metering.

FREQUENCY:
50-400 Hz.

INSULATION LEVEL:
600 Volts, 10 kV BIL full wave.

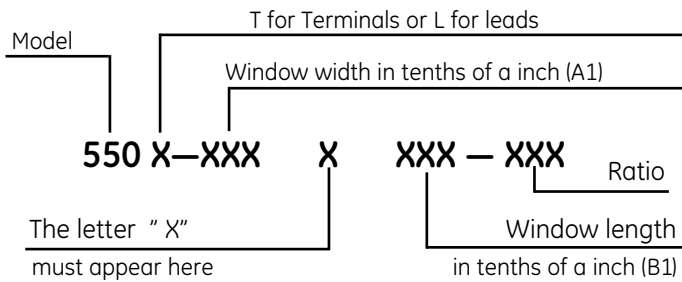
**CONTINUOUS THERMAL
CURRENT RATING FACTOR:**
1.33 at 30°C. amb., 1.0 at 55°C. amb.

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

Flexible leads are UL 1015, 105°C, CSA approved, 18 AWG, 24" long.

Approximate weight 8 to 18 lbs.

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 550

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

