

MODEL 550

Current Transformer Window

Sizes Available up to 10"x 30"

Application

Metering.

Frequency

50-400 Hz.

Insulation Level

600 Volts, 10 kV BIL full wave



REGULATORY AGENCY APPROVALS



E93779



LR89403

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

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.



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Model 550

CURRENT RATIO AMPERES	VA FOR 1 % CLASS	ANSI METERING CLASS AT 60 Hz		
		B01	B0.2	B0.5
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
1,000:5	20.0	0.6	0.6	0.6
1,200:5	25.0	0.6	0.6	0.6
1,500:5	35.0	0.6	0.6	0.6
1,600:5	40.0	0.6	0.6	0.6
2,000:5	50.0	0.6	0.6	0.6
2,500:5	60.0	0.6	0.6	0.6
3,000:5	70.0	0.6	0.6	0.6
3,500:5	80.0	0.6	0.6	0.6
4,000:5	100.0	0.6	0.6	0.6
5,000:5	100.0	0.6	0.6	0.6

Model 550

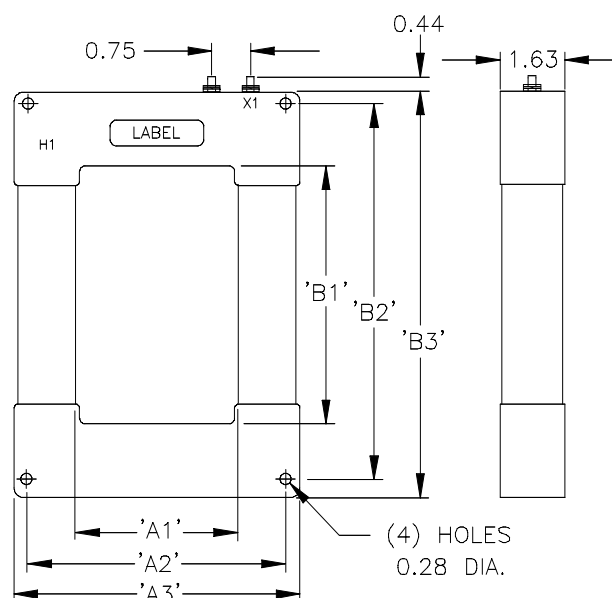
DIMENSIONS						MAX. RATIO
"A1"	"A2"	"A3"	"B1"	"B2"	"B3"	
4.1	6.4	7.3	7.1	10.0	10.9	4,000:5
4.1	6.4	7.3	11.7	14.5	15.4	8,000:5
4.1	6.4	7.3	14.1	17.0	17.9	8,000:5
4.1	6.4	7.3	18.1	21.0	21.9	8,000:5
4.1	6.4	7.3	24.0	27.0	27.9	10,000:5
4.1	6.4	7.3	30.1	33.0	33.9	10,000:5
5.1	7.2	8.3	7.1	10.0	10.9	4,000:5
5.1	7.2	8.3	11.7	14.5	15.4	8,000:5
5.1	7.2	8.3	14.1	17.0	17.9	8,000:5
5.1	7.2	8.3	18.1	21.0	21.9	8,000:5
5.1	7.2	8.3	24.0	27.0	27.9	10,000:5
5.1	7.2	8.3	30.1	33.0	33.9	10,000:5
5.8	7.0	9.0	7.1	10.0	10.9	4,000:5
5.8	7.0	9.0	11.7	14.5	15.4	8,000:5
5.8	7.0	9.0	14.1	17.0	17.9	8,000:5
5.8	7.0	9.0	18.1	21.0	21.9	8,000:5
5.8	7.0	9.0	24.0	27.0	27.9	10,000:5
5.8	7.0	9.0	30.1	33.0	33.9	10,000:5
8.0	9.5	11.1	7.1	10.0	10.9	4,000:5
8.0	9.5	11.1	11.7	14.5	15.4	8,000:5
8.0	9.5	11.1	14.1	17.0	17.9	8,000:5
8.0	9.5	11.1	18.1	21.0	21.9	8,000:5
8.0	9.5	11.1	24.0	27.0	27.9	10,000:5
8.0	9.5	11.1	30.1	33.0	33.9	10,000:5
10.1	11.6	13.2	7.1	10.0	10.9	4,000:5
10.1	11.6	13.2	11.7	14.5	15.4	8,000:5
10.1	11.6	13.2	14.1	17.0	17.9	8,000:5
10.1	11.6	13.2	18.1	21.0	21.9	8,000:5
10.1	11.6	13.2	24.0	27.0	27.9	10,000:5
10.1	11.6	13.2	30.1	33.0	33.9	10,000:5



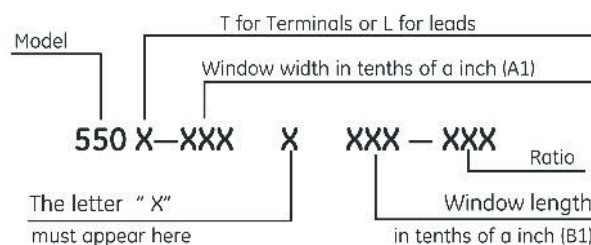
Model 550

Model 550T-101 × 117

CURRENT RATIO AMPERES	VA FOR 1 % CLASS	ANSI METERING CLASS AT 60 Hz		
		B0.1	B0.2	B0.5
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
1,000:5	20.0	0.6	0.6	1.2
1,200:5	25.0	0.6	0.6	0.6
1,500:5	35.0	0.6	0.6	0.6
1,600:5	40.0	0.6	0.6	0.6
2,000:5	50.0	0.6	0.6	0.6
2,000:5	60.0	0.6	0.6	0.6
3,000:5	70.0	0.6	0.6	0.6
3,500:5	80.0	0.6	0.6	0.6
4,000:5	100.0	0.6	0.6	0.6
5,000:5	100.0	0.6	0.6	0.6



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.

Model 550T-101 × 301

CURRENT RATIO AMPERES	VA FOR 1 % CLASS	ANSI METERING CLASS AT 60 HZ		
		B0.1	B0.2	B0.5
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	20.0	0.6	0.6	1.2
1,000:5	25.0	0.6	0.6	1.2
1,200:5	25.0	0.6	0.6	0.6
1,500:5	30.0	0.6	0.6	0.6
1,600:5	35.0	0.6	0.6	0.6
2,000:5	40.0	0.6	0.6	0.6
2,000:5	45.0	0.6	0.6	0.6
3,000:5	50.0	0.6	0.6	0.6
3,000:5	60.0	0.6	0.6	0.6

