

GE Energy Connections

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

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.

Model 550

Current Ratio Amperes	VA for 1 % Class	ANSI Metering Class at 60 Hz		
		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
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

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



Model 550

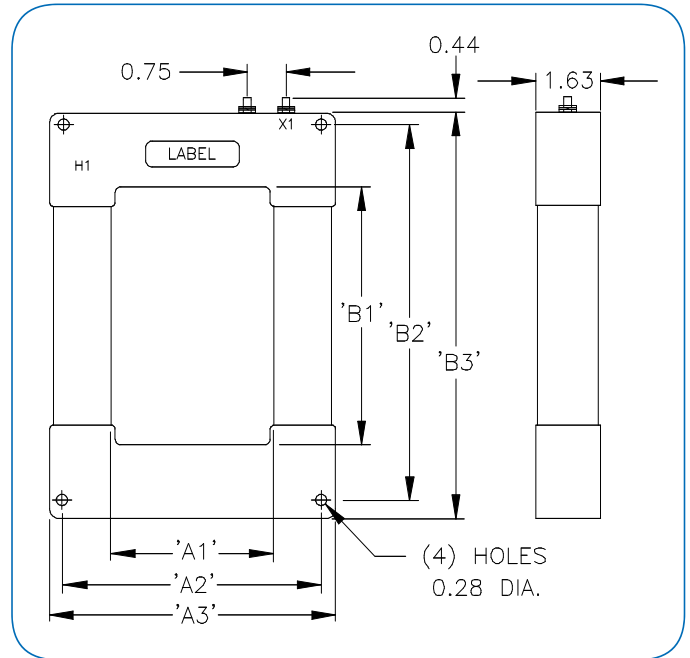
Dimensions						Max. Ratio
"A1"	"A2"	"A3"	"B1"	"B2"	"B3"	
4.1	6.4	7.3	7.1	10.0	10.9	4,000:5
4.1	6.4	7.3	11.7	14.5	15.4	8,000:5
4.1	6.4	7.3	14.1	17.0	17.9	8,000:5
4.1	6.4	7.3	18.1	21.0	21.9	8,000:5
4.1	6.4	7.3	24.0	27.0	27.9	10,000:5
4.1	6.4	7.3	30.1	33.0	33.9	10,000:5
5.1	7.2	8.3	7.1	10.0	10.9	4,000:5
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
5.1	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 x 117

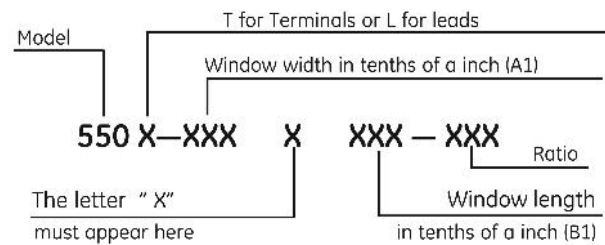
Current Ratio Amperes	VA for 1 % Class	ANSI Metering Class at 60 Hz		
		BO.1	BO.2	BO.5
400:5	2.5	4.8	4.8	-
500:5	5.0	2.4	4.8	-
600:5	7.5	1.2	2.4	4.8
750:5	15.0	1.2	2.4	4.8
800:5	15.0	0.6	1.2	2.4
1,000:5	20.0	0.6	0.6	1.2
1,200:5	25.0	0.6	0.6	0.6
1,500:5	35.0	0.6	0.6	0.6
1,600:5	40.0	0.6	0.6	0.6
2,000:5	50.0	0.6	0.6	0.6
2,500:5	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 550T-101 x 301

Current Ratio Amperes	VA for 1 % Class	ANSI Metering Class at 60 Hz		
		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	20.0	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
2,500:5	45.0	0.6	0.6	0.6
3,000:5	50.0	0.6	0.6	0.6
3,500:5	60.0	0.6	0.6	0.6
4,000:5	70.0	0.6	0.6	0.6
5,000:5	80.0	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.

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