

MODEL 500

Split Core Current Transformer

Window Sizes Available up to 10"x 30"

Application

Metering.

Frequency

50-400 Hz

Insulation Level

0.6 kV, BIL 10 kV 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 8-32 brass studs with one flatwasher, lockwasher, and regular nut.

Flexible leads are UL 1015, 105 °C , CSA approved, #16 AWG, 24" long are available.

Approximate Weight 8 to 18 lbs.



461 Boston Street, Unit E6, Topsfield, MA 01983
Toll Free (800) 644-9773 · Phone (978) 887-2020
meters@spectrumind.com

Model 500

RATIO NUMBER	RATIO	ACCURACY CLASS WITH U.P.F BURDEN
301	300:5	5 % @ 1.5VA
401	400:5	3 % @ 2.5VA
501	500:5	2 % @ 2.5VA
601	600:5	1 % @ 4.0VA
751	750:5	1 % @ 5.0VA
801	800:5	1 % @ 5.0VA
102	1,000:5	1 % @ 7.5VA
122	1,200:5	1 % @ 10.0VA
152	1,500:5	1 % @ 12.5VA
202	2,000:5	1 % @ 15.0VA
252	2,500:5	1 % @ 25.0VA
302	3,000:5	1 % @ 25.0VA
352	3,500:5	1 % @ 25.0VA
402	4,000:5	1 % @ 25.0VA
502	5,000:5	1 % @ 30.0VA
602	6,000:5	1 % @ 40.0VA

The accuracy table above is for 500T041 X 117. 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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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	8,000:5
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	10,000:5
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 500 Split Model 500 Split Core

This transformer is designed for assembly to an existing electrical installation without the need for dismantling the primary bus or cables.

Caution:

Proper safety precautions must be followed during installation by a trained electrician. Never install while bus is energized. The current transformer must have its secondary terminals short circuited or the burden connected, before energizing the primary circuit

How to Order Rectangular CTs

