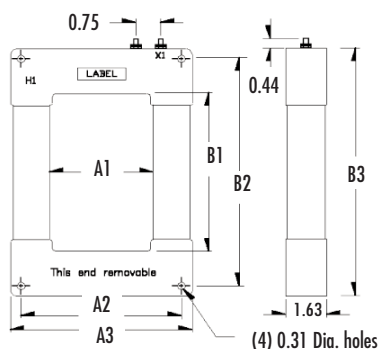


Split Core Current Transformer

Model 500 Series



OUTLINE DRAWING



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	11.7	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	17.0	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

The **500** Series Split Core Current Transformer is designed to be assembled around an existing conductor or bus bar. The end marked "This end removable" may be disassembled and then reassembled around the conductors. 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 unless otherwise specified

Application

Metering

Frequency

50-400Hz

Insulation Level

0.6 kV, BIL 10 kV full wave

Continuous Thermal Current Rating Factor

1.33 at 30° C amb., 1.00 at 55° C amb

Approximate Weight

8 to 18 lbs

Regulatory Agencies



How to order take apart C.T.'S

Model T or L for Terminals or Leads
Window width (A1)
500 X- XXX X XXX - XXX
The letter "X" must appear here Window length (B1)
Example: 500 T - 041 X 117 - 133

The accuracy table below is for the 500T-041 X 117. Accuracies for other sizes are available from the factory. The dimensions in the table at the left 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	Accuracy class with U.P.F. burden
300:5	±5% at 1.5 VA
400:5	±3% at 2.5 VA
500:5	±2% at 2.5 VA
600:5	±1% at 4 VA
750:5	±1% at 5 VA
800:5	±1% at 5 VA
1000:5	±1% at 7.5 VA
1200:5	±1% at 10.0 VA
1500:5	±1% at 12.5 VA
2000:5	±1% at 15.0 VA
2500:5	±1% at 25.0 VA
3000:5	±1% at 25.0 VA
3500:5	±1% at 25.0 VA
4000:5	±1% at 25.0 VA
5000:5	±1% at 30.0 VA
5000:5	±1% at 40.0 VA