



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Current Transformer Indoor Toroidal *CT Series*



Features

- Toroidal design.
- Supplied with 24" insulated secondary leads, terminated with crimped ring connectors.
- Suitable for use with bare (uninsulated) primary conductor in circuits up to 600 V (4 KV Hi pot); or at higher voltages when a suitably insulated conductor is used.
- All units have 5 A secondary for use with standard AC ammeters with 5 A movements.
- Two hole mounting bracket on all models.

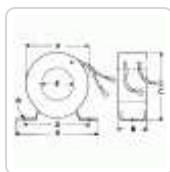
Application Data

To obtain current measurement:

1. Pass the wire carrying the current to be measured through the window of the CT transformer (acting as a primary winding).
2. Connect the CT secondary to an ammeter with a 5 A movement.

For higher accuracy or higher VA burden rating:

1. Choose a CT with a primary which is a multiple of the required primary rating and which has the accuracy or VA burden you require.
2. Loop the wire carrying the current to be measured through the window a number of times equal to the multiple. This "winding" will reduce the ratio back to required primary rating.
 - Example "A": To obtain an accuracy of 1.2% at 10VA burden with a ratio of 100:5, use a CT400 and loop 4 primary turns through the window.
 - Example "B": To obtain a 25:5 ratio, use a CT75 with 3 primary turns to yield 2% accuracy or a CT50 with 2 primary turns to yield 3.2% accuracy.



Part No.	Current Ratio	Accuracy %	Burden VA	Overall Dimensions						Mounting Slots		Ship Wt. Lb.
	Pri. / Sec.			A	B	C	D	E	F	G	H	
CT50A	50:5	3.2	2	3.75	1.75	3.25	3.00	0.87	2.87	0.22	0.37	1.3
CT60A	60:5	2.4	2	3.75	1.75	3.25	3.00	0.87	2.87	0.22	0.37	1.4
CT75A	75:5	2	2	3.75	1.75	3.25	3.00	0.87	2.87	0.22	0.37	1.5
CT100A	100:5	2	2	3.75	1.75	3.25	3.00	1.20	2.87	0.22	0.37	1.1
CT150A	150:5	1.2	2	3.75	1.75	3.25	3.00	1.20	2.87	0.22	0.37	1.4
CT200A	200:5	1.2	2	4.75	1.75	4.25	4.00	2.20	3.87	0.22	0.37	1.7
CT250A	250:5	0.6 - 1.2	2 - 5	4.75	1.75	4.25	4.00	2.20	3.87	0.22	0.37	1.7
CT300A	300:5	0.6 - 1.2	2 - 10	4.75	1.75	4.25	4.00	2.20	3.87	0.22	0.37	1.8
CT400A	400:5	0.6 - 1.2	2 - 10	4.75	1.75	4.25	4.00	2.20	3.87	0.22	0.37	1.8
CT500A	500:5	0.3 - 1.2	2 - 20	4.75	1.75	4.25	4.00	2.20	3.87	0.22	0.37	1.8

Part No.	Current Ratio	Accuracy	Burden	Overall Dimensions						Mounting Slots		Ship Wt.
	Pri. / Sec.	%	VA	A	B	C	D	E	F	G	H	Lb.
CT600A	600:5	0.3 - 1.2	2 - 20	6.00	1.75	5.25	5.25	3.50	5.12	0.28	0.37	2.5
CT800A	800:5	0.3 - 1.2	5 - 50	6.00	1.75	5.25	5.25	3.50	5.12	0.28	0.37	2.8
CT1000A	1000:5	0.3 - 1.2	5 - 50	7.00	1.75	6.25	6.25	4.50	6.12	0.28	0.37	3.3
CT1200A	1200:5	0.3 - 1.2	10 - 50	8.00	1.75	7.25	7.25	5.50	7.12	0.28	0.37	3.8

Data subject to change without notice

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