

CTT8211 Toroidal Current Transformer

Features:

Seven (7) Standard Sizes:

- CTT1611 – 16.3mm (0.64") opening,
- CTT2511 – 25.4mm (1.00") opening,
- CTT3911 – 39.6mm (1.56") opening,
- CTT5211 – 52.3mm (2.06") opening,
- CTT6311 – 63.5mm (2.50") opening,
- CTT8211 – 82.6mm (3.25") opening,
- CTT1A11 – 108.0mm (4.25") opening.

Four (4) configuration options:

- L – Wire leads,
- T – Terminals,
- LC – Wire leads and mounting plate,
- LT – Terminals and mounting plate.

Specifications:

- Frequency: 50 to 400Hz
- Maximum operating voltage: 600VAC.
- Isolation voltage 10k VAC for 1 minute.
- Operating Temperature: -25°C to +55° C
Optional: -40°C to +85° C
- Construction:
 - Epoxy encapsulated housing
 - Case material: PBT or ABS
 - Wire Leads: 0.61m (2Ft), UL 1015, Twisted Pair, 0.34mm² (22AWG).



- CE Approved
- RoHS compliant.



Performance:

- Accuracy Class: 0.1, 0.2, 0.5, 1.0, 3.0 (IEC 60044-1)
- Accuracy: $\leq \pm 0.1\%$ @ Rated Current
- Phase shift: $\leq 10'$ @ Rated Current
- Linearity: 5% to 120% of Rated Current

Options:

- Optional primary to secondary ratios:
 - xxxx to 1A at rated current,
 - xxxx to 5A at rated current,
 - xxxx to 0.2A at rated current,
 - xxxx to 0.1A at rated current.

Optional: Polyester film covering in lieu of case.

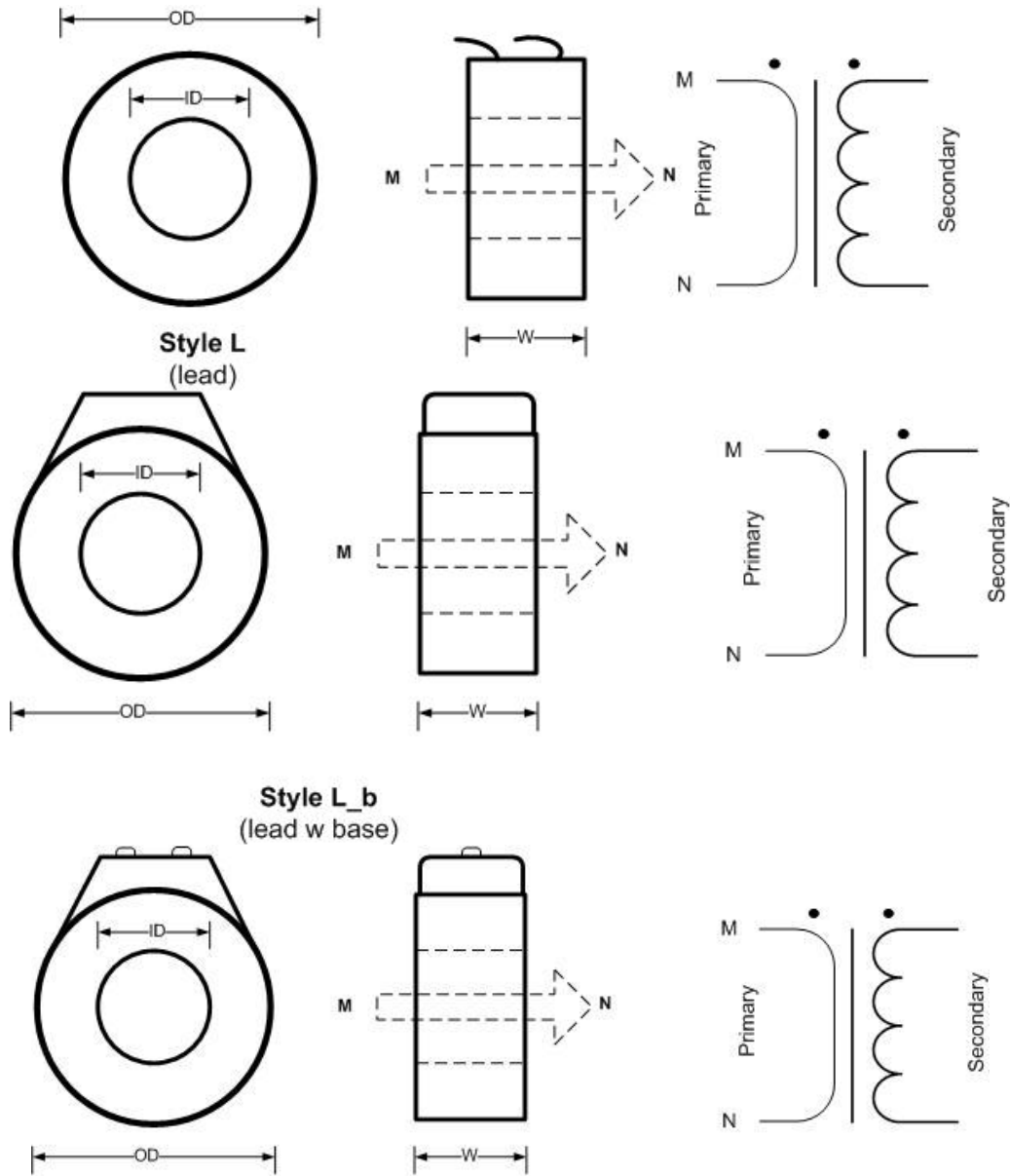
Custom toroidal current transformer designs are available to meet the specific application requirements. For a no obligation technical evaluation, please provide the specific performance requirements to engineering@tichenassociates.com or the address below.

Configuration Options:

Ratio	Accuracy Class @ Secondary Burden Impedance				
	2.5 VA	5.0 VA	12.5 VA	22.5 VA	50 VA
200:5	1.0	1.0	-	-	-
250:5	0.5	1.0	3.0	-	-
300:5	0.5	0.5	1.0	1.0	-
400:5	0.2	0.5	1.0	1.0	-
500:5	0.2	0.2	0.5	1.0	3.0
600:5	0.2	0.2	0.5	1.0	1.0
750:5	0.2	0.2	0.2	0.5	1.0
800:5	0.2	0.2	0.2	0.5	1.0
1000:5	0.2	0.2	0.2	0.5	0.5
1200:5	0.2	0.2	0.2	0.5	0.5
1500:5	0.2	0.2	0.2	0.5	0.5
1600:5	0.2	0.2	0.2	0.5	0.5
2000:5	0.2	0.2	0.2	0.2	0.2
2500:5	0.2	0.2	0.2	0.2	-
3000:5	0.2	0.2	0.2	0.2	-
3200:5	0.2	0.2	0.2	0.2	-
4000:5	0.2	0.2	0.2	0.2	-

NOTE: Accuracy class as defined by IEC60044-1 @ 50/60 HZ

Outline Drawing:



Style T
(terminal)

	ID	OD	W	D	F	G
L	82.6mm	146.0mm	31.7mm			
T	(3.25")	(5.75")	(1.25")			