



Toroidal Core Transformer



Features:

- Low cost
- More than 50 standard sizes
- Non-symmetrical mounting pattern,wire leads or terminal mounting.
- Toroidal Silicon steel and Nickel Alloy cores,Nanocrystalline cores,Amorphous cores available;

Applications:

- Meter
- Applications would include Current, Power and Energy monitoring devices.

● Specifications:

- Exterior Material:PBT Resin UL flame retardant rating 94-V0.
- Isolation Current:2500 Vrms for 1 minute
- Operating Temperature:-25 to +55°C,-40 to +85°C optional
- Frequency:50 to 400 Hz
- Accuracy Class:as defined in IEC 60044-1 Part 1 Current Transformers Class 0.2,0.3,0.5.
- RoHS Compliant

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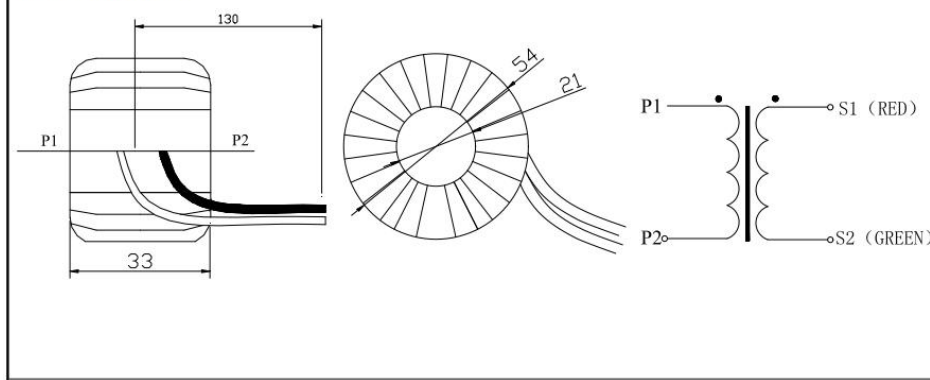
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Detail Description

1. Rated Primary Current:200A

Rated Primary Current	200A	Rated Secondary Current	5A	Rated load	2.5VA
Accuracy Class	0.3L	Current Error at rated current	$\leq \pm 0.3\%$	Phase Error at rated current	$\leq 20'$
Linearity Range	0-3Times Rated Input Current	Frequency (Hz)	50/60Hz	Operating Temperature	-25℃ ~ +70℃
Isolation Voltage	2500VAC/min, 0.5mA	Dielectric Resistance	1000MΩ @ 500Vdc	PF	1.0

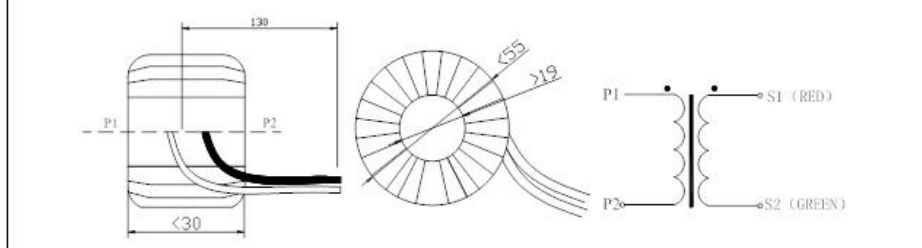
Outline drawing (mm)



2. Rated Primary Current:200A

Rated Primary Current	300A	Rated Secondary Current	5A	Rated load	2.5VA
Accuracy Class	0.2L	Current Error at rated current	$\leq \pm 0.3\%$	Phase Error at rated current	$\leq 20'$
Linearity Range	0-2Times Rated Input Current	Frequency (Hz)	50/60Hz	Operating Temperature	-40℃ ~ +85℃
Isolation Voltage	2500VAC/min, 0.5mA	Dielectric Resistance	1000MΩ @ 500Vdc	PF	1.0

Outline drawing (mm)



Dimension: ID>19mm, OD<55mm, Height<30mm

TEST DATAS: 600A/10A, 2.5VA

	5%	20%	50%	80%	100%	120%	200%
f (%)	-0.184	-0.138	-0.123	-0.117	-0.112	-0.102	-0.088
Φ (°)	10.15	7.47	6.07	5.51	5.22	4.92	4.81

	5%	20%	50%	80%	100%	120%	200%
f (%)	-0.265	-0.194	-0.176	-0.17	-0.165	-0.161	-0.151
Φ (°)	15.59	10.76	8.53	7.29	6.75	6.32	5.95