



# Thousand Hundred Industrial Co., Ltd.

## Split-Core Current Transformers 50/60Hz

ella@thic.net

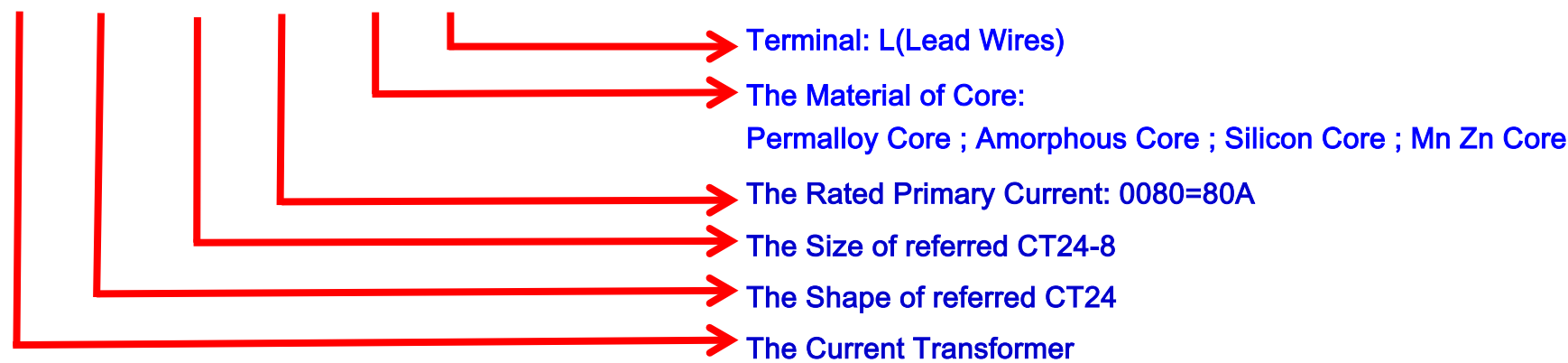
■ UL Approved No: E318452

■ CE Approved No: AT011602373S/E ; ES151231015S

- Frequency Range:50 /60Hz
- Operating Temperature Range: -20°C to +85°C
- Storage Temperature Range: -25°C to +90°C
- Rated System Voltage: 600V AC.
- All Current ,Voltage refer to RMS Value.
- Isolated Voltage : 4000V AC.
- Fully RoHS Compliant.
- Products are in accordance with UL requirements.

### Nomination

CT 24 8 - 0080 □ L



### Quick To Choose

Item	Type	Accuracy (%)	Primary Current	Mechanical Dimensions			SPEC Download/ Link
				L*W	ID	HT	
				mm/inch			
21	CT24-1 (1A)	≥3%	40A~60A	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
22	CT24-8 (1A)	≥2%	50A~120A	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
23	CT24-B (1A)	≥1%	100A~300A	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
24	CT24-F (1A)	≥1%	250A	<u>78.0*50.0</u> 3.071*1.969	<u>20.5</u> 0.807	<u>39.0</u> 1.535	
25	CT24-G (1A)	≥2%	150A	<u>93.0*60.0</u> 3.661*2.362	<u>25.5</u> 1.004	<u>47.5</u> 1.870	
26	CT24-H (1A)	≥2%	50A~150A	<u>102.0*71.0</u> 4.016*2.795	<u>30.5</u> 1.201	<u>50.5</u> 1.988	



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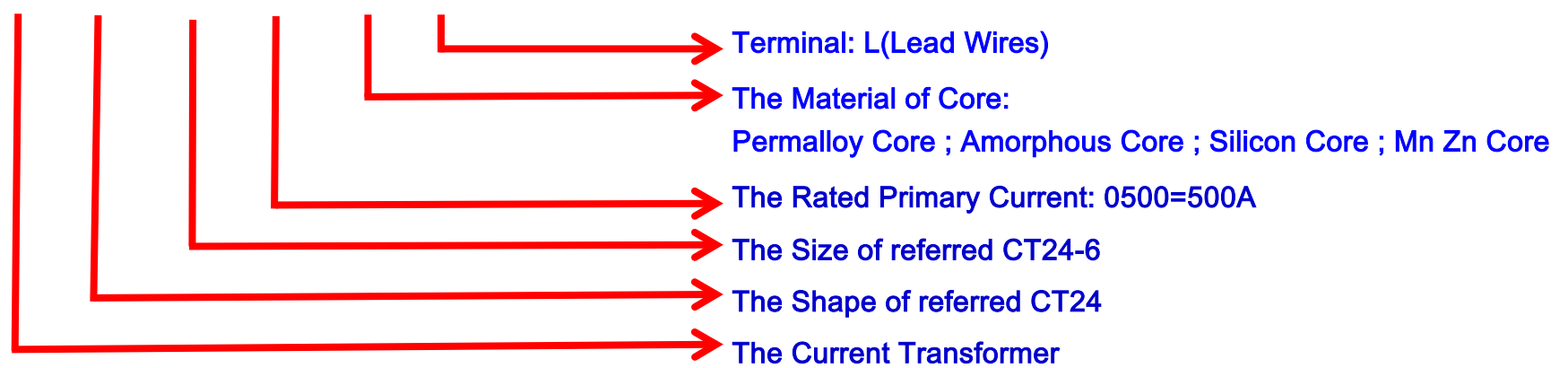
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- Rated System Voltage: 600V AC.
- All Current ,Voltage refer to RMS Value.
- Isolated Voltage : 4000V AC.
- Fully RoHS Compliant.
- Products are in accordance with UL requirements.

### Nomination

CT 24 6 - 0500 □ L



### Quick To Choose

Item	Type	Accuracy (%)	Primary Current	Mechanical Dimensions			SPEC Download/ Link
				L*W	ID	HT	
				mm/inch			
27	CT24-6 (5A)	≥ 1%	100A~600A	<u>106.0</u> 4.173	<u>40.0</u> 1.575	<u>42</u> 1.654	
28	CT24-B (5A)	≥ 1%	100A~300A	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
29	CT24-C (5A)	≥ 1%	200A~600A	<u>84.0*57.0</u> 3.307*2.244	<u>35.7</u> 1.406	<u>38.4</u> 1.512	
30	CT24-E (5A)	≥ 1%	150A~200A	<u>66.0*41.0</u> 2.598*1.614	<u>15.5</u> 0.610	<u>38.0</u> 1.496	
31	CT24-F (5A)	≥ 1%	150A~300A	<u>78.0*50.0</u> 3.071*1.969	<u>20.5</u> 0.807	<u>39.0</u> 1.535	
32	CT24-G (5A)	≥ 1%	150A~500A	<u>93.0*60.0</u> 3.661*2.362	<u>25.5</u> 1.004	<u>47.5</u> 1.870	
33	CT24-H (5A)	≥ 1%	50A~800A	<u>102.0*71.0</u> 4.016*2.795	<u>30.5</u> 1.201	<u>50.5</u> 1.988	



# Thousand Hundred Industrial Co., Ltd.

## Split-Core Current Transformers 50/60Hz (Output 1A)

RoHS Compliant

CE/UL- Approved

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Type : CT24-1  
Primary Current : 40A~60A  
ID=9.6mm

Type : CT24-8  
Primary Current : 50A~120A  
ID= 15.7mm

Part Number	Current Ratio	Accuracy Class (%)	Turns Ratio (Np:Ns)	Burden RL	Approx. Weight (g)	Mechanical Dimensions			SPEC Download/ Link
						L*W	ID	HT	
						mm/inch			
CT24-1-0040 L	40A / 1A	3	1:40	0.5	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-0050 L	50A / 1A	3	1:50	0.5	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-0060 L	60A / 1A	3	1:60	0.5	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	 
CT24-8-0050 L	50A / 1A	2	1:50	0.5	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-0060 L	60A / 1A	2	1:60	0.5	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-0080 L	80A / 1A	2	1:80	0.5	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-0100 L	100A / 1A	2	1:100	0.5	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	 
CT24-8-0120 L	120A / 1A	2	1:120	0.5	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	 



# Thousand Hundred Industrial Co., Ltd.

## Split-Core Current Transformers 50/60Hz

(Output 1A)

Type : CT24-B,F,G,H








Primary Current : 50A~300A

ID=20.5mm~30.5mm

RoHS Compliant

CE/UL- Approved

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Part Number	Current Ratio	Accuracy Class (%)	Turns Ratio (Np:Ns)	Burden RL	Approx. Weight (g)	Mechanical Dimensions			SPEC Download/ Link
						L*W	ID	HT	
						mm/inch			
CT24-B-0100L	100A / 1A	5	1:100	0.5	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-B-0150L	150A / 1A	3	1:150	1	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-B-0200L	200A / 1A	2	1:200	1	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-B-0250L	250A / 1A	1	1:250	1	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-B-0300L	300A / 1A	1	1:300	1	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-F-0250L	250A / 1A	1	1:250	1	260	<u>78.0*50.0</u> 3.071*1.969	<u>20.5</u> 0.807	<u>39.0</u> 1.535	
CT24-G-0150L	150A / 1A	2	1:150	1	325	<u>93.0*60.0</u> 3.661*2.362	<u>25.5</u> 1.004	<u>47.5</u> 1.870	
CT24-H-0050L	50A / 1A	5	1:50	0.5	556	<u>102.0*71.0</u> 4.016*2.795	<u>30.5</u> 1.201	<u>50.5</u> 1.988	
CT24-H-0075L	75A / 1A	5	1:75	0.5	556	<u>102.0*71.0</u> 4.016*2.795	<u>30.5</u> 1.201	<u>50.5</u> 1.988	
CT24-H-0100L	100A / 1A	2	1:100	0.5	556	<u>102.0*71.0</u> 4.016*2.795	<u>30.5</u> 1.201	<u>50.5</u> 1.988	
CT24-H-0150L	150A / 1A	2	1:150	1	556	<u>102.0*71.0</u> 4.016*2.795	<u>30.5</u> 1.201	<u>50.5</u> 1.988	



# Thousand Hundred Industrial Co., Ltd.

## Split-Core Current Transformers 50/60Hz

(Output mA)

RoHS Compliant

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Type : CT24-6,B,C,E

CE/UL- Approved

Primary Current : 100A~600A

ID=15.5mm~40.0mm

Part Number	Current Ratio	Accuracy Class (%)	Turns Ratio (Np:Ns)	Burden RL	Approx. Weight (g)	Mechanical Dimensions			SPEC Download/ Link
						L*W	ID	HT	
						mm/inch			
CT24-6-0100 L	100A / 5A	5	1:20	0.04	800	<u>106.0</u> 4.173	<u>40.0</u> 1.575	<u>42</u> 1.654	
CT24-6-0200 L	200A / 5A	3	1:40	0.04	800	<u>106.0</u> 4.173	<u>40.0</u> 1.575	<u>42</u> 1.654	
CT24-6-0300 L	300A / 5A	1	1:60	0.2	800	<u>106.0</u> 4.173	<u>40.0</u> 1.575	<u>42</u> 1.654	
CT24-6-0400 L	400A / 5A	1	1:80	0.2	800	<u>106.0</u> 4.173	<u>40.0</u> 1.575	<u>42</u> 1.654	
CT24-6-0500 L	500A / 5A	1	1:100	0.2	800	<u>106.0</u> 4.173	<u>40.0</u> 1.575	<u>42</u> 1.654	
CT24-6-0600 L	600A / 5A	1	1:120	0.2	800	<u>106.0</u> 4.173	<u>40.0</u> 1.575	<u>42</u> 1.654	
CT24-6-600SL	600A / 0.1A	1	1:6000	100	800	<u>106.0</u> 4.173	<u>40.0</u> 1.575	<u>42</u> 1.654	
CT24-B-0100 L	100A / 5A	5	1:20	0.04	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-B-0150 L	150A / 5A	3	1:30	0.04	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-B-0200 L	200A / 5A	2	1:40	0.04	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-B-0250 L	250A / 5A	1	1:50	0.04	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-B-0300 L	300A / 5A	1	1:60	0.2	165	<u>65.5*45.2</u> 2.579*1.780	<u>23.6</u> 0.929	<u>33.7</u> 1.327	
CT24-C-0200 L	200A / 5A	2	1:40	0.04	275	<u>84.0*57.0</u> 3.307*2.244	<u>35.7</u> 1.406	<u>38.4</u> 1.512	
CT24-C-0300 L	300A / 5A	1	1:60	0.2	275	<u>84.0*57.0</u> 3.307*2.244	<u>35.7</u> 1.406	<u>38.4</u> 1.512	
CT24-C-0400 L	400A / 5A	1	1:80	0.2	275	<u>84.0*57.0</u> 3.307*2.244	<u>35.7</u> 1.406	<u>38.4</u> 1.512	
CT24-C-0500 L	500A / 5A	1	1:100	0.2	275	<u>84.0*57.0</u> 3.307*2.244	<u>35.7</u> 1.406	<u>38.4</u> 1.512	
CT24-C-0600 L	600A / 5A	1	1:120	0.2	275	<u>84.0*57.0</u> 3.307*2.244	<u>35.7</u> 1.406	<u>38.4</u> 1.512	
CT24-E-0150L	150A / 5A	2	1:30	0.04	118	<u>66.0*41.0</u> 2.598*1.614	<u>15.5</u> 0.610	<u>38.0</u> 1.496	
CT24-E-200SL	200A / 5A	1	1:40	0.04	118	<u>66.0*41.0</u> 2.598*1.614	<u>15.5</u> 0.610	<u>38.0</u> 1.496	



# Thousand Hundred Industrial Co., Ltd.

## Split-Core Current Transformers 50/60Hz

(Output mA)

RoHS Compliant

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Type : CT24-F,G,H

CE/UL- Approved

Primary Current : 50A~800A

ID=20.5mm~30.5mm

Part Number	Current Ratio	Accuracy Class (%)	Turns Ratio (Np:Ns)	Burden RL	Approx. Weight (g)	Mechanical Dimensions			SPEC Download/ Link
						L*W	ID	HT	
						mm/inch			
CT24-F-0150 L	150A / 5A	2	1:30	0.04	260	78.0*50.0 3.071*1.969	20.5 0.807	39.0 1.535	
CT24-F-0200 L	200A / 5A	1	1:40	0.04	260	78.0*50.0 3.071*1.969	20.5 0.807	39.0 1.535	
CT24-F-0250 L	250A / 5A	1	1:50	0.04	260	78.0*50.0 3.071*1.969	20.5 0.807	39.0 1.535	
CT24-F-0300 L	300A / 5A	1	1:60	0.2	260	78.0*50.0 3.071*1.969	20.5 0.807	39.0 1.535	
CT24-G-0150 L	150A / 5A	2	1:30	0.04	325	93.0*60.0 3.661*2.362	25.5 1.004	47.5 1.870	
CT24-G-0200 L	200A / 5A	2	1:40	0.04	325	93.0*60.0 3.661*2.362	25.5 1.004	47.5 1.870	
CT24-G-0300 L	300A / 5A	1	1:60	0.2	325	93.0*60.0 3.661*2.362	25.5 1.004	47.5 1.870	
CT24-G-0400 L	400A / 5A	1	1:80	0.2	325	93.0*60.0 3.661*2.362	25.5 1.004	47.5 1.870	
CT24-G-0500 L	500A / 5A	1	1:100	0.2	325	93.0*60.0 3.661*2.362	25.5 1.004	47.5 1.870	
CT24-H-0050 L	50A / 5A	5	1:10	0.04	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	
CT24-H-0075 L	75A / 5A	5	1:15	0.04	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	
CT24-H-0100 L	100A / 5A	2	1:20	0.04	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	
CT24-H-0150 L	150A / 5A	2	1:30	0.04	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	
CT24-H-0200 L	200A / 5A	2	1:40	0.04	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	
CT24-H-0300 L	300A / 5A	1	1:60	0.2	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	
CT24-H-0400 L	400A / 5A	1	1:80	0.2	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	
CT24-H-0500 L	500A / 5A	1	1:100	0.2	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	
CT24-H-0600 L	600A / 5A	1	1:120	0.2	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	
CT24-H-0800 L	800A / 5A	1	1:160	0.2	556	102.0*71.0 4.016*2.795	30.5 1.201	50.5 1.988	