



Thousand Hundred Industrial Co., Ltd.

Split-Core Current Transformers 50/60Hz

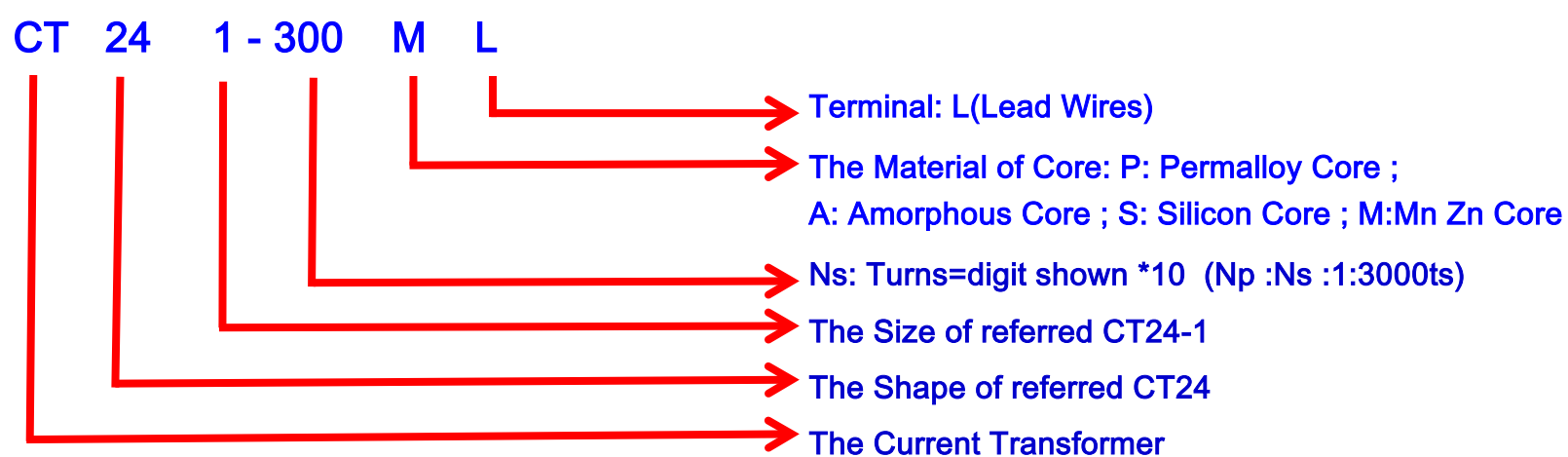
ella@thic.net

■ UL Approved No: E318452

■ CE Approved No: E0507126

- 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 : 2500V AC.
- Fully RoHS Compliant.
- Products are in accordance with UL requirements.

Nomination



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Item	Type	Accuracy (%)	Primary Current	Mechanical Dimensions			SPEC Download/ Link
				L*W	ID	HT	
				mm/inch			
1	CT24-1 (mA)	≥ 1%	40A~80A	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
2	CT24-2&5 (mA)	≥ 1%	100A~300A	<u>68.0</u> (OD) 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
3	CT24-4 (mA)	≥ 1%	40A~50A	<u>52.8*55.8</u> 2.079*2.197	<u>23.0</u> 0.906	<u>14.3</u> 0.563	
4	CT24-7 (mA)	≥ 1%	50A~100A	<u>51*59.5</u> 2.008*2.343	<u>20.3*26.9</u> 0.799*1.059	<u>21.4</u> 0.843	
5	CT24-8 (mA)	≥ 1%	60A~120A	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
6	CT24-9 (mA)	≥ 3%	15A~25A	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	



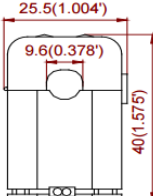
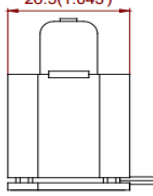
Thousand Hundred Industrial Co., Ltd.
Split-Core Current Transformers 50/60Hz
(Output mA)

ella@thic.net

Type : CT24-1
Primary Current : 40A~80A
ID=9.6mm

RoHS Compliant

CE/UL- Approved

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			
CT24-1-100M	40A / 40mA	2	1:1000	10	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-200M	50A / 25mA	2	1:2000	10	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-300M	60A / 20mA	2	1:3000	10	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-300S	80A / 26.6mA	1	1:3000	10	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-300S	80A / 26.6mA	1	1:3000	12.52	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-250S	80A / 32mA	1	1:2500	10	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-250S	80A / 32mA	1	1:2500	10.41	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-200S	80A / 40mA	1	1:2000	8.32	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-200S	80A / 40mA	1	1:2000	10	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-100S	80A / 80mA	1	1:1000	4.16	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	
CT24-1-100S	80A / 80mA	1	1:1000	10	66	<u>25.5*26.5</u> 1.004*1.043	<u>9.6</u> 0.378	<u>40.0</u> 1.575	



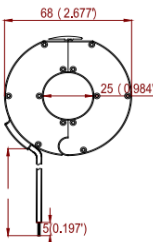
Thousand Hundred Industrial Co., Ltd.
Split-Core Current Transformers 50/60Hz
(Output mA)

ella@thic.net

Type : CT24-2&5
Primary Current : 100A~300A
ID=25.0mm

RoHS Compliant

CE/UL- Approved

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			
CT24-5-150P	100A / 66.6mA	2	1:1500	10	140	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-5-100P	100A / 100mA	2	1:1000	10	140	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-5-200P	130A / 65mA	2	1:2000	10	140	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-5-300P	150A / 50mA	2	1:3000	10	140	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-5-250P	150A / 60mA	2	1:2500	10	140	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-2-150P	150A / 100mA	1	1:1500	10	140	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-5-500P	200A / 40mA	1	1:5000	10	128	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-2-250P	200A / 80mA	1	1:2500	10	128	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-2-200P	200A / 100mA	1	1:2000	10	128	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-5-600P	250A / 42mA	1	1:6000	10	128	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-2-300P	250A / 83.3mA	1	1:3000	10	128	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-2-600P	300A / 50mA	1	1:6000	10	128	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	
CT24-2-500P	300A / 60mA	1	1:5000	10	128	<u>68.0</u> 2.677	<u>25.0</u> 0.984	<u>18.4</u> 0.724	



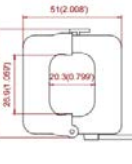
Thousand Hundred Industrial Co., Ltd.
Split-Core Current Transformers 50/60Hz
(Output mA)

RoHS Compliant

CE/UL- Approved

ella@thic.net Type : CT24-4
Primary Current : 40A~50A
ID=23.0mm

Type : CT24-7
Primary Current : 50A~100A
ID= 20.3*26.9mm

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			
CT24-4-100P	40A / 40mA	2	1:1000	10Ω	100	<u>52.8*55.8</u> 2.079*2.197	<u>23.0</u> 0.906	<u>14.3</u> 0.563	
CT24-4-150P	50A / 33.3mA	2	1:1500	10Ω	100	<u>52.8*55.8</u> 2.079*2.197	<u>23.0</u> 0.906	<u>14.3</u> 0.563	
CT24-4-200P	50A / 25mA	2	1:2000	10Ω	100	<u>52.8*55.8</u> 2.079*2.197	<u>23.0</u> 0.906	<u>14.3</u> 0.563	 
CT24-7-100M	50A / 50mA	2	1:1000	10Ω	125	<u>51*59.5</u> 2.008*2.343	<u>20.3*26.9</u> 0.799*1.059	<u>21.4</u> 0.843	
CT24-7-200M	70A / 35mA	2	1:2000	10Ω	125	<u>51*59.5</u> 2.008*2.343	<u>20.3*26.9</u> 0.799*1.059	<u>21.4</u> 0.843	
CT24-7-250M	80A / 32mA	2	1:2500	10Ω	125	<u>51*59.5</u> 2.008*2.343	<u>20.3*26.9</u> 0.799*1.059	<u>21.4</u> 0.843	
CT24-7-300M	90A / 30mA	2	1:3000	10Ω	125	<u>51*59.5</u> 2.008*2.343	<u>20.3*26.9</u> 0.799*1.059	<u>21.4</u> 0.843	
CT24-7-400M	100A / 25mA	1	1:4000	8.9Ω	125	<u>51*59.5</u> 2.008*2.343	<u>20.3*26.9</u> 0.799*1.059	<u>21.4</u> 0.843	 



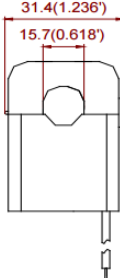
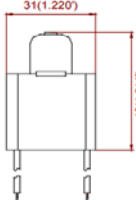
Thousand Hundred Industrial Co., Ltd.
Split-Core Current Transformers 50/60Hz
(Output mA)

ella@thic.net

Type : CT24-8
Primary Current : 60A~120A
ID=15.7mm

RoHS Compliant

CE/UL- Approved

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			
CT24-8-100M	60A / 60mA	2	1:1000	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-200M	80A / 40mA	2	1:2000	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-300M	100A / 33.3mA	2	1:3000	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-500S	120A / 24mA	1	1:5000	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-500S	120A / 24mA	1	1:5000	13.88	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-400S	120A / 30mA	1	1:4000	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-400S	120A / 30mA	1	1:4000	11	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-300S	120A / 40mA	1	1:3000	8.33	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-300S	120A / 40mA	1	1:3000	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-250M	100A / 40mA	2	1:2500	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-250S	120A / 48mA	1	1:2500	6.94	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-250S	120A / 48mA	1	1:2500	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-200S	120A / 60mA	1	1:2000	5.55	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-200S	120A / 60mA	1	1:2000	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-100S	120A / 120mA	1	1:1000	2.78	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	
CT24-8-100S	120A / 120mA	1	1:1000	10	66	<u>31*31.4</u> 1.22*1.236	<u>15.7</u> 0.618	<u>46.0</u> 1.811	



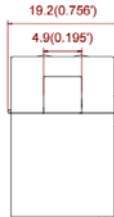
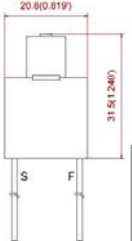
Thousand Hundred Industrial Co., Ltd.
Split-Core Current Transformers 50/60Hz
(Output mA)

ella@thic.net

Type : CT24-9
Primary Current : 15A~25A
ID=4.9mm

RoHS Compliant

CE/UL- Approved

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			
CT24-9-150M	15A / 10mA	3	1:1500	10	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-100M	15A / 15mA	3	1:1000	10	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-200M	20A / 10mA	3	1:2000	10	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-200S	25A / 12.5mA	3	1:2000	26.64	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-200S	25A / 12.5mA	5	1:2000	10	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-150S	25A / 16.6mA	3	1:1500	20.06	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-150S	25A / 16.6mA	5	1:1500	10	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-100S	25A / 25mA	3	1:1000	13.32	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-100S	25A / 25mA	10	1:1000	10	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-080S	25A / 31.25mA	3	1:800	10.66	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	
CT24-9-080S	25A / 31.25mA	10	1:800	10	16	<u>19.2*20.8</u> 0.756*0.819	<u>4.9</u> 0.193	<u>31.5</u> 1.24	