



# Thousand Hundred Industrial Co., Ltd. Split-Core Current Transformers 50/60Hz

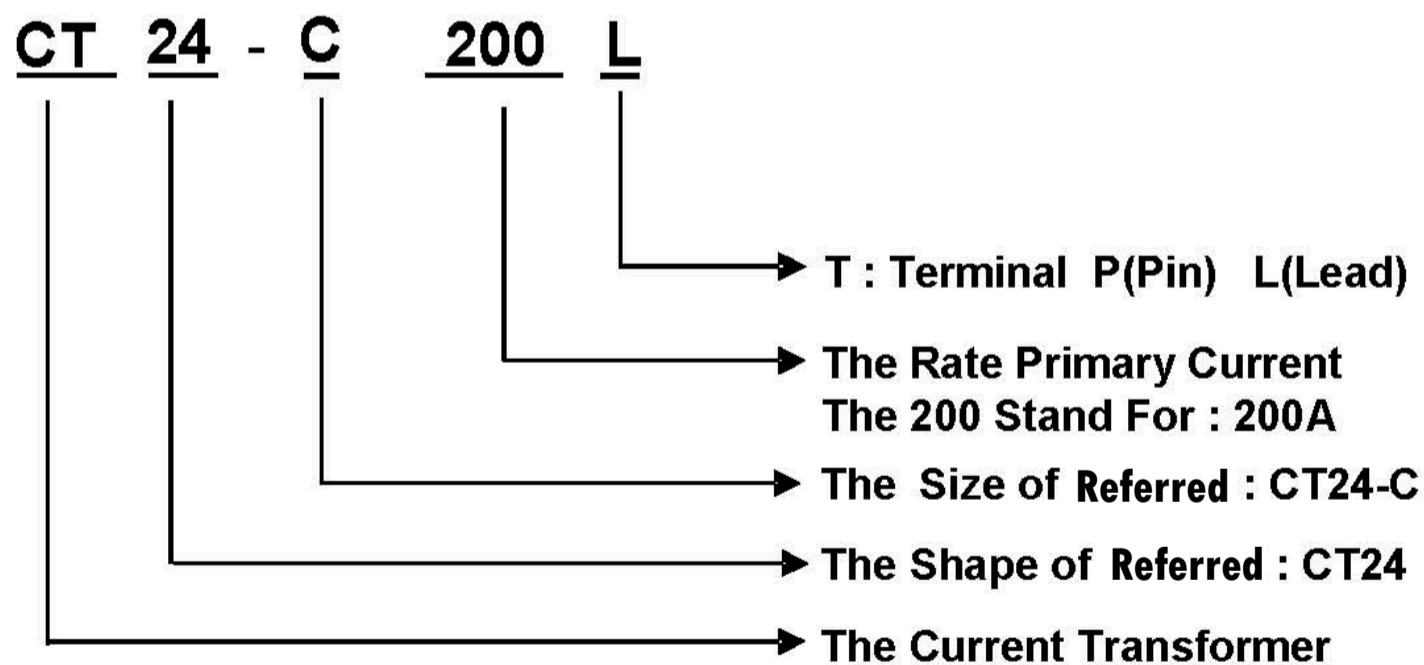
[thic@thic.net](mailto:thic@thic.net)

■ **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.
- Fully RoHS Compliant.

## Nomination





# Thousand Hundred Industrial Co., Ltd.

## Split- Core Current Transformer (Output 1A)

### CT24-1~H Series

thic@thic.net

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 |
|---------------|---------------|--------------------|---------------------|-------------|--------------------|----------------------------------|----------------------|----------------------|---------------------|
|               |               |                    |                     |             |                    | OD                               | ID                   | HT                   |                     |
|               |               |                    |                     |             |                    | mm/inch                          |                      |                      |                     |
| CT24-1-0040 L | 40A / 1A      | 3                  | 1:40                | 0.5         | 66                 | <u>25.5*26.5</u><br>1.004*1.043  | <u>9.6</u><br>0.378  | <u>40.0</u><br>1.575 |                     |
| CT24-1-0050 L | 50A / 1A      | 3                  | 1:50                | 0.5         | 66                 | <u>25.5*26.5</u><br>1.004*1.043  | <u>9.6</u><br>0.378  | <u>40.0</u><br>1.575 |                     |
| CT24-1-0060 L | 60A / 1A      | 3                  | 1:60                | 0.5         | 66                 | <u>25.5*26.5</u><br>1.004*1.043  | <u>9.6</u><br>0.378  | <u>40.0</u><br>1.575 |                     |
| CT24-8-0050 L | 50A / 1A      | 2                  | 1:50                | 0.5         | 66                 | <u>31*31.4</u><br>1.22*1.236     | <u>15.7</u><br>0.618 | <u>45.0</u><br>1.772 |                     |
| CT24-8-0060 L | 60A / 1A      | 2                  | 1:60                | 0.5         | 66                 | <u>31*31.4</u><br>1.22*1.236     | <u>15.7</u><br>0.618 | <u>45.0</u><br>1.772 |                     |
| CT24-8-0080 L | 80A / 1A      | 2                  | 1:80                | 0.5         | 66                 | <u>31*31.4</u><br>1.22*1.236     | <u>15.7</u><br>0.618 | <u>45.0</u><br>1.772 |                     |
| CT24-8-0100 L | 100A / 1A     | 2                  | 1:100               | 0.5         | 66                 | <u>31*31.4</u><br>1.22*1.236     | <u>15.7</u><br>0.618 | <u>45.0</u><br>1.772 |                     |
| CT24-8-0120 L | 120A / 1A     | 2                  | 1:120               | 0.5         | 66                 | <u>31*31.4</u><br>1.22*1.236     | <u>15.7</u><br>0.618 | <u>45.0</u><br>1.772 |                     |
| CT24-B-0100L  | 100A / 1A     | 5                  | 1:100               | 0.5         | 165                | <u>65.5*45.2</u><br>2.579*1.780  | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                     |
| CT24-B-0150L  | 150A / 1A     | 3                  | 1:150               | 1           | 165                | <u>65.5*45.2</u><br>2.579*1.780  | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                     |
| CT24-B-0200L  | 200A / 1A     | 2                  | 1:200               | 1           | 165                | <u>65.5*45.2</u><br>2.579*1.780  | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                     |
| CT24-B-0250L  | 250A / 1A     | 1                  | 1:250               | 1           | 165                | <u>65.5*45.2</u><br>2.579*1.780  | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                     |
| CT24-B-0300L  | 300A / 1A     | 1                  | 1:300               | 1           | 165                | <u>65.5*45.2</u><br>2.579*1.780  | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                     |
| CT24-F-0250L  | 250A / 1A     | 1                  | 1:250               | 1           | 260                | <u>78.0*50.0</u><br>3.071*1.968  | <u>20.5</u><br>0.807 | <u>39.0</u><br>1.535 |                     |
| CT24-G-0150L  | 150A / 1A     | 2                  | 1:150               | 1           | 325                | <u>93.0*60.0</u><br>3.661*2.362  | <u>25.5</u><br>1.004 | <u>47.5</u><br>1.870 |                     |
| CT24-H-0050L  | 50A / 1A      | 5                  | 1:50                | 0.5         | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                     |
| CT24-H-0075L  | 75A / 1A      | 5                  | 1:75                | 0.5         | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                     |
| CT24-H-0100L  | 100A / 1A     | 2                  | 1:100               | 0.5         | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                     |
| CT24-H-0150L  | 150A / 1A     | 2                  | 1:150               | 1           | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                     |



# Thousand Hundred Industrial Co., Ltd.

## Split- Core Current Transformer (Output 5A)

### CT24-6~H Series

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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 |
|---------------|---------------|--------------------|---------------------|-------------|--------------------|---------------------------------|----------------------|----------------------|--------------------|
|               |               |                    |                     |             |                    | OD                              | ID                   | HT                   |                    |
|               |               |                    |                     |             |                    | mm/inch                         |                      |                      |                    |
| CT24-6-0100 L | 100A / 5A     | 5                  | 1:20                | 0.04        | 800                | <u>106.0</u><br>4.173           | <u>40.0</u><br>1.632 | <u>42</u><br>1.653   |                    |
| CT24-6-0200 L | 200A / 5A     | 3                  | 1:40                | 0.04        | 800                | <u>106.0</u><br>4.173           | <u>40.0</u><br>1.632 | <u>42</u><br>1.653   |                    |
| CT24-6-0300 L | 300A / 5A     | 1                  | 1:60                | 0.2         | 800                | <u>106.0</u><br>4.173           | <u>40.0</u><br>1.632 | <u>42</u><br>1.653   |                    |
| CT24-6-0400 L | 400A / 5A     | 1                  | 1:80                | 0.2         | 800                | <u>106.0</u><br>4.173           | <u>40.0</u><br>1.632 | <u>42</u><br>1.653   |                    |
| CT24-6-0500 L | 500A / 5A     | 1                  | 1:100               | 0.2         | 800                | <u>106.0</u><br>4.173           | <u>40.0</u><br>1.632 | <u>42</u><br>1.653   |                    |
| CT24-6-0600 L | 600A / 5A     | 1                  | 1:120               | 0.2         | 800                | <u>106.0</u><br>4.173           | <u>40.0</u><br>1.632 | <u>42</u><br>1.653   |                    |
| CT24-6-600SL  | 600A / 0.1A   | 1                  | 1:6000              | 100         | 800                | <u>106.0</u><br>4.173           | <u>40.0</u><br>1.632 | <u>42</u><br>1.653   |                    |
| CT24-B-0100 L | 100A / 5A     | 5                  | 1:20                | 0.04        | 165                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                    |
| CT24-B-0150 L | 150A / 5A     | 3                  | 1:30                | 0.04        | 165                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                    |
| CT24-B-0200 L | 200A / 5A     | 2                  | 1:40                | 0.04        | 165                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                    |
| CT24-B-0250 L | 250A / 5A     | 1                  | 1:50                | 0.04        | 165                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                    |
| CT24-B-0300 L | 300A / 5A     | 1                  | 1:60                | 0.2         | 165                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                    |
| CT24-C-0200 L | 200A / 5A     | 2                  | 1:40                | 0.04        | 275                | <u>84.0*57.0</u><br>3.307*2.244 | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |                    |
| CT24-C-0300 L | 300A / 5A     | 1                  | 1:60                | 0.2         | 275                | <u>84.0*57.0</u><br>3.307*2.244 | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |                    |
| CT24-C-0400 L | 400A / 5A     | 1                  | 1:80                | 0.2         | 275                | <u>84.0*57.0</u><br>3.307*2.244 | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |                    |
| CT24-C-0500 L | 500A / 5A     | 1                  | 1:100               | 0.2         | 275                | <u>84.0*57.0</u><br>3.307*2.244 | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |                    |
| CT24-C-0600 L | 600A / 5A     | 1                  | 1:120               | 0.2         | 275                | <u>84.0*57.0</u><br>3.307*2.244 | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |                    |
| CT24-E-0150L  | 150A / 5A     | 2                  | 1:30                | 0.04        | 118                | <u>66.0*41.0</u><br>2.598*1.181 | <u>15.5</u><br>0.610 | <u>38.0</u><br>1.496 |                    |
| CT24-E-200SL  | 200A / 5A     | 1                  | 1:40                | 0.04        | 118                | <u>66.0*41.0</u><br>2.598*1.181 | <u>15.5</u><br>0.610 | <u>38.0</u><br>1.496 |                    |





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|---------------|---------------|--------------------|---------------------|-------------|--------------------|----------------------------------|----------------------|----------------------|--------------------|
|               |               |                    |                     |             |                    | OD                               | ID                   | HT                   |                    |
|               |               |                    |                     |             |                    | mm/inch                          |                      |                      |                    |
| CT24-F-0150 L | 150A / 5A     | 2                  | 1:30                | 0.04        | 260                | <u>78.0*50.0</u><br>3.071*1.968  | <u>20.5</u><br>0.807 | <u>39.0</u><br>1.535 |                    |
| CT24-F-0200 L | 200A / 5A     | 1                  | 1:40                | 0.04        | 260                | <u>78.0*50.0</u><br>3.071*1.968  | <u>20.5</u><br>0.807 | <u>39.0</u><br>1.535 |                    |
| CT24-F-0250 L | 250A / 5A     | 1                  | 1:50                | 0.04        | 260                | <u>78.0*50.0</u><br>3.071*1.968  | <u>20.5</u><br>0.807 | <u>39.0</u><br>1.535 |                    |
| CT24-F-0300 L | 300A / 5A     | 1                  | 1:60                | 0.2         | 260                | <u>78.0*50.0</u><br>3.071*1.968  | <u>20.5</u><br>0.807 | <u>39.0</u><br>1.535 |                    |
| CT24-G-0150 L | 150A / 5A     | 2                  | 1:30                | 0.04        | 325                | <u>93.0*60.0</u><br>3.661*2.362  | <u>25.5</u><br>1.004 | <u>47.5</u><br>1.870 |                    |
| CT24-G-0200 L | 200A / 5A     | 2                  | 1:40                | 0.04        | 325                | <u>93.0*60.0</u><br>3.661*2.362  | <u>25.5</u><br>1.004 | <u>47.5</u><br>1.870 |                    |
| CT24-G-0300 L | 300A / 5A     | 1                  | 1:60                | 0.2         | 325                | <u>93.0*60.0</u><br>3.661*2.362  | <u>25.5</u><br>1.004 | <u>47.5</u><br>1.870 |                    |
| CT24-G-0400 L | 400A / 5A     | 1                  | 1:80                | 0.2         | 325                | <u>93.0*60.0</u><br>3.661*2.362  | <u>25.5</u><br>1.004 | <u>47.5</u><br>1.870 |                    |
| CT24-G-0500 L | 500A / 5A     | 1                  | 1:100               | 0.2         | 325                | <u>93.0*60.0</u><br>3.661*2.362  | <u>25.5</u><br>1.004 | <u>47.5</u><br>1.870 |                    |
| CT24-H-0050 L | 50A / 5A      | 5                  | 1:10                | 0.04        | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |
| CT24-H-0075 L | 75A / 5A      | 5                  | 1:15                | 0.04        | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |
| CT24-H-0100 L | 100A / 5A     | 2                  | 1:20                | 0.04        | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |
| CT24-H-0150 L | 150A / 5A     | 2                  | 1:30                | 0.04        | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |
| CT24-H-0200 L | 200A / 5A     | 2                  | 1:40                | 0.04        | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |
| CT24-H-0300 L | 300A / 5A     | 1                  | 1:60                | 0.2         | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |
| CT24-H-0400 L | 400A / 5A     | 1                  | 1:80                | 0.2         | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |
| CT24-H-0500 L | 500A / 5A     | 1                  | 1:100               | 0.2         | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |
| CT24-H-0600 L | 600A / 5A     | 1                  | 1:120               | 0.2         | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |
| CT24-H-0800 L | 800A / 5A     | 1                  | 1:160               | 0.2         | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                    |